

- Chan, S.S.-W., 617  
 Chan, Y.H., 8  
 Chand, B., 1173  
 Chang, A.M., 37, 916  
 Chang, C.-C., 134  
 Chang, C.-J., 1177  
 Chang, C.-Y., 320, 574  
 Chang, D.-C., 802  
 Chang, J.-H., 1016  
 Chang, K.-P., 757  
 Chang, W.-H., 249  
 Chang, Y.-C., 130, 131, 134, 900, 1017, 1175  
 Chaou, C.-H., 1034  
 Chapman, J., 980  
 Chase, M.E., 227  
 Chen, C.-C., 632, 753  
 Chen, C.-L., 1176  
 Chen, E.H., 552  
 Chen, H.-C., 517  
 Chen, H.-W., 1021  
 Chen, H.-Y., 1018  
 Chen, H.-Y., 1034  
 Chen, I.-C., 385  
 Chen, J.-C., 1017  
 Chen, J.-D., 320, 574, 975  
 Chen, K.-T., 258  
 Chen, M.-H., 935  
 Chen, N.-F., 1176  
 Chen, P.-C., 123, 759  
 Chen, R.-J., 792  
 Chen, S.-J., 757  
 Chen, S.-Y., 370  
 Chen, W., 256  
 Chen, W.-C., 256, 257  
 Chen, W.-J., 634  
 Chen, W.-K., 127  
 Chen, W.-L., 251, 253  
 Chen, Y., 701  
 Chen, Y.-C., 1180  
 Chen, Y.-H., 258  
 Chen, Y.-J., 253  
 Chen, Y.-Q., 516  
 Chen, Y.-S., 127  
 Chen, Y.-Y., 1010  
 Cheng, B.H., 1019  
 Cheng, B.-H., 758  
 Cheng, S., 563  
 Cheng, S.-M., 903, 1175  
 Chen-Scarabelli, C., 898  
 Cherian, P.K., 216  
 Chern, C.-H., 975  
 Chi, C.-H., 1106  
 Chia, W.-T., 127  
 Chiang, C.-H., 123, 1019  
 Chiang, W.-C., 370  
 Chien, D.-K., 249  
 Chien, Y.-Y., 517  
 Chin, T., 901  
 Chiu, C.-C., 252  
 Chiu, H.-M., 802  
 Chiu, T.-F., 130, 131, 252, 900  
 Chiu, Y.-H., 320, 975  
 Choe, G.H., 859  
 Choe, S.M., 859  
 Choe, S.P., 859  
 Choi, H.J., 961, 1178  
 Choi, Y., 899  
 Chomut, A., 754  
 Chong, C.-F., 632  
 Chookun, J., 898  
 Chou, M.-H., 385  
 Chou, Y.-H., 320, 574  
 Chu, H.-Y., 752  
 Chu, K.-M., 903, 1175  
 Chu, P., 1180  
 Chu, S.-J., 627, 1022, 1025  
 Chuang, C.-C., 1177  
 Chuang, Y.-M., 634  
 Chung, P.-K., 792  
 Chung, S.-D., 133  
 Ciccarelli, M., 255  
 Claessens, Y.-E., 303  
 Clark, R., 641  
 Clark, S., 191  
 CLEAR Investigators, 119  
 Clerici, D., 986  
 Cline, S.D., 843  
 Cobanoglu, M., 902  
 Cobo, M.E., 76  
 Coffman, B., 641  
 Cohen, D.C., 255  
 Cohen, M., 720  
 Coignard, S., 254  
 Colfax, J.D., 428  
 Collins, S.P., 293, 397  
 Coll-Vinent, B., 660  
 Combes, X., 1060  
 Conatser, P., 428  
 Cone, D.C., 1136  
 Cooper, H., 377  
 Copetti, R., 379  
 Coppola, M., 691  
 Corres, J., 76  
 Corum, B., 641  
 Coskun, H., 757  
 Coskun, S., 902  
 Costantino, G., 1103  
 Coste, J., 303  
 Counselman, F.L., 691  
 Cox, M.J., 227  
 Crandall, C., 135  
 Cresto, E., 1159  
 Crocker, P., 377  
 Cross, C.L., 227, 997  
 Cui, J., 525  
 Cuñe, J., 466  
 Cydulka, R., 363  
 Cydulka, R.K., 191, 1039  
 Damergis, J.A., 1085  
 Dang, T.D., 344  
 Daniel, S., 96  
 Dannemann, N., 43, 366  
 Dasti, A., 864  
 David, H., 515  
 Dawes, D.M., 413, 747  
 Day, L.T., 510  
 De Bels, D., 755  
 de Boer, L., 630  
 de la Plata, A.M., 1174  
 De Lorenzo, R.A., 1055  
 De Luca, G., 683, 712  
 De Miguel-Yanes, J.M., 668  
 De Pascale, A., 1159  
 de Rooij, S.E., 23  
 De Simone, C., 756  
 Dean, A.J., 552  
 Debaty, G., 570  
 Dekker, L.R., 271  
 Demiryurek, A.T., 169  
 Derr, C., 632  
 Desimonas, N., 1183  
 Dessertaine, G., 570  
 Dettmer, T., 641  
 Devriendt, J., 755  
 Dhainaut, J.-F., 303  
 Di Bartolomeo, S., 379  
 Dickman, E., 71  
 Diegel, R., 922  
 Dieppe, C., 368  
 Docherty, M., 875  
 Doctor, S., 369  
 Doigny, D., 376  
 Donahue, S.P., 851  
 Donderici, O., 838  
 Donghoon, L., 956  
 Dongwun, S., 956  
 Donlan, S.M., 856  
 Donovan, J.W., 1174  
 Dostas, I., 651  
 Dooley, M., 259, 436  
 Douglass-Bright, A., 536  
 Drago, L.A., 536  
 Drociuk, D., 1  
 Ducassé, J.-L., 1020  
 Ducassé, J.L., 898  
 Duman, H., 251  
 Dumas, F., 254  
 Duong, D., 1176  
 Durand, M., 570  
 Durani, Y., 942  
 Durmaz, D., 252  
 Dushnitsky, T., 1123  
 Eckman, M.H., 293  
 Edlich, R.F., 227, 997  
 Egan, M., 942  
 Eken, C., 252, 365, 905  
 Ekleberry, S.E., 911  
 El Hor, T., 755  
 Elder, M., 374  
 Elias, M., 1018, 1025  
 Ellison, E., 63  
 Emet, M., 132, 508, 626  
 Emre, H., 626  
 Enajat, M., 630  
 Engelhard, H.H., 517  
 Engledow, A., 255  
 Enslow, W., 160  
 Enye, S., 625  
 Epstein, S.K., 328  
 Er, T.K., 1019  
 Er, T.-K., 123, 758, 759  
 Ernst, A.A., 641, 830  
 Erol, B., 252  
 Eryilmaz, M., 409, 765  
 Etter, M., 986  
 Eunkyung, E., 956  
 Evans, D.P., 631  
 Exadaktylos, A.K., 246  
 Famularo, G., 756  
 Fan, H.-C., 757  
 Fang, C.-C., 370, 1016  
 Farcy, D., 983  
 Fasano, C.J., 756  
 Fava, C., 633  
 Felice, K.L., 901  
 Feng, H., 197  
 Fengler, B.T., 84  
 Ferdinands, J., 1  
 Fermann, G.J., 816  
 Fernández, M., 1069  
 Fernández-Valencia, J.A., 373, 466  
 Ferrara, L., 980  
 Feucht, E.C., 843  
 Fine, M.J., 544  
 Fishbein, D., 1027  
 Fisher, A.L., 227  
 Fisher, J.D., 1179  
 Flaherty, M.L., 141  
 Follansbee, C., 37  
 Font, L., 373  
 Fourcade, O., 898  
 Fowler, J.R., Jr., 1049  
 Frakes, M.A., 49  
 Frame, J., 371  
 Francisco, M.F., 128, 1159  
 Frederiksen, S., 182  
 Friedman, J.N., 797  
 Fu, C.-Y., 792  
 Fullerton-Gleason, L., 830  
 Gaber-Patel, K., 900  
 Gallerani, M., 244, 1096  
 Gallori, S., 758  
 Gamberini, S., 1096  
 Ganapathy, R., 625  
 Gandhi, S., 375  
 Gando, S., 470  
 Gangnon, R.E., 454  
 Ganzeboom, K.S., 271  
 Garbe, P., 1  
 Garcia, D., 492  
 Garcia-Molina, E., 634  
 Gardi, D.O., 374  
 Gasbarrone, L., 756  
 Gaspari, R., 71  
 Gay, K.P., 1013  
 Geoghegan, A., 243  
 Gerard, W.A., 691  
 Gerstein, N., 266  
 Ghaemmaghami, C., 375  
 Gibler, W.B., 816  
 Gibson, C.M., 595  
 Gibson, J.J., 1  
 Gillman, P.K., 509  
 Gimeno, J., 634  
 Gimeno, J.R., 1024  
 Gin, M.T.J., 899  
 Ginés, M.A.R., 123, 758, 1019  
 Gini, G., 986  
 Ginos, C., 755  
 Giugliano, R., 720  
 Glikstein, R., 96  
 Goffman, T.E., 1142, 1144

- Goksu, E., 129, 627  
 Goldman, R.D., 797  
 Goldner, D.E., 632  
 Goldstein, B., 262  
 Goldstein, L., 641  
 Goldstein, L.H., 761  
 Gómez-Angelats, E., 660  
 Gonzales, R., 582  
 González-Ramallo, V.J., 668  
 Good, C.B., 544  
 Gopal, S.V., 372  
 Goran, K.P., 236, 1169  
 Gorchynski, J., 371, 514  
 Goslings, J.C., 23  
 Gottignies, P., 755  
 Goulas, S., 651  
 Grajek, S., 1181  
 Grancelli, H., 376  
 Granger, C.B., 720  
 Greenberg, M.R., 1150  
 Grégo, J.-C., 675  
 Grimes, D.E., 344  
 Grimes, R.M., 344  
 Gross, E., 119  
 Gu, B., 751  
 Gubler, K.D., 227  
 Gumpert, R., 133, 505, 1024  
 Gunay, N., 169, 1022  
 Gunaydin, Y.K., 838  
 Gunduz, A., 424, 635  
 Guo, F., 212  
 Gupta, A., 293  
 Gupta, N., 513  
 Gurbel, P.A., 720  
 Güray, S.M., 1049  
  
 Hacimuftuoglu, A., 626  
 Haine, S., 1182  
 Halberg, M.J., 134, 504  
 Hall, J., 641  
 Halpenny, D., 243, 624  
 Hamaoka, T., 1173  
 Hamm, J., 337  
 Hammer, L., 570  
 Han, C.-L., 894  
 Hansen, A., 847  
 Haritos, D., 514  
 Harlak, A., 409, 765  
 Harris, B., 333  
 Harris, C., 901  
 Harris, R.E., 182  
 Hartman, N., 337  
 Hatem, S., 1173  
 Hatzitheofilou, K., 1183  
 Hautalahti, J., 1020  
 Hayakawa, M., 470  
 Haznedaroglu, I.C., 631  
 Heard, A.M., 504  
 Heard, K., 607  
 Heffernan, R., 419  
 Heiner, J.D., 1023  
 Helia, R.-E., 1182  
 Helmick, T., 1174  
 Hémeury, F., 675  
 Henderson, S.O., 1181  
 Hendricks, E.J., 1010  
 Herkner, H., 460  
  
 Herlitz, J., 202  
 Herres, J., 1179  
 Hervé, J., 675  
 Higgins, G.L., III, 779  
 Hill, M.C., 449  
 Hiller, N., 262  
 Hiltunen, T., 948  
 Hirsch, R., 449  
 Ho Lim, T., 513  
 Ho, J.D., 413, 747  
 Ho, K.K., 16  
 Hogley, K., 641  
 Hodgman, M., 122  
 Hoekstra, J., 720  
 Hoffman, R.J., 983  
 Hoffman, R.S., 475  
 Hoffmann, U., 43, 366  
 Hogan, C., 770  
 Holguin, F., 1  
 Holland, M.G., 122  
 Hollander, J.E., 37, 552, 595, 720, 916  
 Höllinger, K., 176  
 Holstege, C.P., 492  
 Holzer, M., 460  
 Hong, F.J., 1019  
 Hong, T.Y., 859  
 Hong, Y.-C., 385  
 Hongo, Y., 754  
 Hoppe, J., 607  
 Hoppu, K., 128  
 Horswell, R.L., 1027  
 Horton, C.L., 1111  
 Houze-Cerfon, C.-H., 1020  
 How, C.-K., 975  
 Hsi, S.-C., 516  
 Hsia, T.-C., 257  
 Hsiao, C.-T., 385  
 Hsu, C.-W., 627, 1022  
 Hsu, T.-F., 975  
 Hsu, T.-Y., 900  
 Hsueg, C.-H., 1175  
 Hu, S.-C., 574  
 Huang, C.-C., 123  
 Huang, C.-H., 127  
 Huang, C.-I., 320, 975  
 Huang, H.-C., 792  
 Huang, M.-K., 753, 975  
 Huang, M.-S., 895  
 Huang, S.-L., 1175  
 Huang, S.-T., 249  
 Huang, T.-Y., 632  
 Huang, W.-Y., 517  
 Huff, J.S., 220  
 Hurdle, A.C., 250  
 Hutson, H.R., 747  
 Hwang, J., 514  
 Hwang, S.O., 961  
 Hwang, U., 333  
  
 Ide, T., 992  
 Inaba, A.S., 810  
 Ippolito, S., 1103  
 Iralde, G.R., 376  
 Ishihara, H., 626  
 Ishimatsu, S., 153, 902  
 Isserman, J.A., 552  
  
 Jabre, P., 1060  
 Jacob, L., 1060  
 Jacob, S., 216, 374  
 Jacobson, G., 519  
 Janchar, T., 770  
 Janchar, T.A., 413  
 Jankelevich, S., 1  
 Jauch, E., 141  
 Jaulin, C., 1060  
 Jeanmonod, D., 255, 754  
 Jeanmonod, R., 255, 313, 754  
 Jeanmonod, R.K., 510  
 Jegou, D., 303  
 Jesse, R.L., 146  
 Jiménez, S., 660  
 Jiun-Ting, W., 1019  
 John, S.K., 216  
 Jones, J.S., 922  
 Jones, R., 363  
 Jong, Y.-J., 123  
 Jorgenson, C., 691  
 Jost, C.A., 397  
 Jung, I., 1069  
 Junsig, K., 956  
  
 Kahn, C.A., 785  
 Kajander, O.A., 1020  
 Kalkan, A., 424  
 Kamakura, K., 754  
 Kamijo, Y., 992  
 Kan, P.G., 503  
 Kane, B.G., 131, 1174  
 Kane, K.E., 131, 1174  
 Kang, H., 751  
 Kao, L.-Y., 530  
 Kao, P.-C., 370  
 Kapur, R., 253  
 Karaduman, S., 1049  
 Karahan, S.C., 635  
 Karatas, A.D., 1177  
 Karlberg, I., 202  
 Kavalci, C., 838  
 Kekilli, M., 631  
 Kelly, A.-M., 525  
 Kern, P., 911  
 Kersey, A.S., 582  
 Khan, R.A., 752  
 Khera, K., 628  
 Kiblböck, D., 176  
 Kierzek, G., 254  
 Kilicaslan, I., 902  
 Kim, G.J., 1076  
 Kim, H., 961  
 Kim, M., 55  
 Kim, S.U., 859  
 Kim, Y.K., 961  
 Kim, Y.M., 859  
 Kimura, H., 371  
 Kipfer, P., 397  
 Kirby, M.A., 797  
 Kirsch, N.L., 182  
 Kissela, B., 141  
 Kit, Y.C., 1013  
 Kittisupamongkol, W., 247, 893  
 Kleindorfer, D., 141  
 Klein-Schwartz, W., 911  
 Ko, K.-H., 1025  
  
 Ko, S.-C., 368  
 Kociszewski, C., 49  
 Kogan, A., 889  
 Koh, S.K., 16  
 Koksai, H., 239  
 Kontos, M.C., 146, 397, 779  
 Kontou, P., 968  
 Kooyoung, J., 956  
 Koracevic, G.P., 1016  
 Kose, A., 169, 1022  
 Kose, B., 1022  
 Kosmicki, D., 397  
 Koudouna, E., 651  
 Kouloumberis, P., 517  
 Kouni, S.A., 506  
 Kounis, G.N., 506  
 Kounis, N.G., 506  
 Kouritas, V.K., 1183  
 Kouskouni, E., 651  
 Kozak, O., 409, 765  
 Kozer, E., 761  
 Kramer, M., 419  
 Krivoy, A., 1123  
 Krucke, G.W., 344  
 Kshirsagar, A.V., 753  
 Kuan, J.-T., 385  
 Kuar, W.-K., 368  
 Kucukyilmaz, O., 129  
 Kuegler, B., 505  
 Kügler, B., 133  
 Kuisma, M., 440, 948  
 Kulstad, E.B., 776  
 Kunkel, S., 911  
 Kuo, C.-F., 900  
 Kuran, S., 631  
 Kurt, M., 631  
 Kutii, J.L., 968  
 Kythreotis, P., 755  
  
 Lacquiere, D.A., 504  
 Lacunza, J., 634  
 Laggner, A.N., 460  
 Lagi, A., 758  
 Lamminpää, A., 128  
 Lancaster, P., 428  
 Lang, W., 176  
 Langdorf, M.L., 785  
 Lanigan, M., 1131  
 Lannum, S., 628  
 Larréché, S., 247  
 Lau, B.-H., 632  
 Lau, K., 729  
 Lazarus, J., 691  
 Lee, C.-C., 1022  
 Lee, C.C., 289, 513, 961, 1178  
 Lee, C.-H., 257, 530, 1017, 1021  
 Lee, C.H., 1021  
 Lee, C.P., 1019  
 Lee, D., 899  
 Lee, H.-C., 1175  
 Lee, K.H., 961  
 Lee, L., 530  
 Lee, M.-R., 634  
 Lee, W.S., 333  
 Lee, Y.-C., 802  
 Lee, Y.H., 961

- Lee, Y.-K., 753  
 Lehrman, C., 641  
 Lepak-Hitch, C.A., 514  
 Lesiak, M., 1181  
 Leung, M.K., 1013  
 Lev, A., 1018  
 Levin, S.K., 582  
 Levine, B., 119  
 Levsky, M.E., 160  
 Lewin, M.R., 107  
 Lewis, B.S., 889  
 Lheureux, P., 755  
 Li, C., 701  
 Li, C.-S., 823, 903  
 Li, E.J., 249  
 Li, Y., 797  
 Liang, S.-J., 256  
 Liao, C.-H., 133  
 Liao, M.M., 515  
 Liao, W.-L., 627, 1025  
 Lim, S.H., 16  
 Lim, T.H., 1178  
 Limon, O., 750  
 Lin, B.-F., 127  
 Lin, B.W., 1064  
 Lin, C.-C., 1034  
 Lin, C.-P., 634  
 Lin, G.-M., 894  
 Lin, H.-J., 258  
 Lin, J.-C., 385  
 Lin, J.-T., 802  
 Lin, K.-K., 530  
 Lin, K.-Y., 227  
 Lin, L.-W., 632  
 Lin, L.-Y., 802  
 Lin, S.-H., 511, 752, 1180  
 Lin, Y.-F., 251, 516  
 Lin, Y.-T., 629  
 Lin, Y.-Y., 627, 1022, 1025  
 Lin, Z.-Z., 370  
 Lindorfer, A., 176  
 Lindsell, C., 141  
 Lindsell, C.J., 397, 816  
 Liou, J.-M., 802  
 Lips, P., 23  
 Liu, C.-C., 895  
 Liu, C.-L., 127  
 Liu, E.H., 385  
 Liu, H., 751  
 Liu, J.-C., 256  
 Liu, K.-T., 370  
 Liu, Z.-X., 823  
 Lo, B.M., 621, 631  
 Lo, C.-P., 757  
 Lombardini, C., 1182  
 Long, W.B., III, 227, 997  
 Long, W.-Z., 516  
 Longley, M.B., 588  
 López, B., 660  
 Lord, B., 525  
 Lord, W.R., 49  
 LoVecchio, F., 68, 115, 119, 123, 993  
 Lu, C.-H., 1176  
 Lu, J.-Y., 935  
 Lubin, J.S., 1180  
 Lucchesi, M., 563  
 Luitse, J.S., 271  
 Lundy, J.-E., 303  
 Machan, J., 1085  
 Mackenzie, R.S., 1150  
 Maeda, A., 371  
 Maggiorini, M., 630, 1183  
 Magid, D.J., 916  
 Maino, C., 986  
 Maio, R.F., 182  
 Maison, P., 675  
 Maixner, W., 182  
 Makarovsky, I., 1123  
 Makise, H., 470  
 Malka, V., 372  
 Malozzi, C.M., 750  
 Mandrekas, K., 377  
 Manfredini, F., 244, 1096  
 Manfredini, R., 244, 1096  
 Manini, A., 366  
 Manini, A.F., 43  
 Manning, S., 1027  
 Manoukian, S.V., 720  
 Marco, C.A., 691  
 Margenet, A., 1060  
 Mari, E., 1096  
 Mariani, M., 986  
 Marino, P., 683, 712  
 Marioneaux, D.M., 1027  
 Mark, D.G., 878  
 Mark, L., 96  
 Marraffa, J.M., 122  
 Marti, V., 1174  
 Marty, J., 1060  
 Mascola, L., 55  
 Maselli, J.H., 582  
 Mason, C., 1131  
 Mason, P., 436  
 Matheos, E., 1183  
 Matsubara, H., 1173  
 Matsumuro, A., 1173  
 Mattu, A., 481, 492  
 Matz, W., 864  
 Matzi, V., 1024  
 Maury, E., 132  
 Maynard, S.J., 779  
 Mayo, M., 709  
 Mazzei, A., 1164  
 McClain, S.A., 285  
 McCusker, C.M., 37, 916  
 McKay, M.P., 369  
 McKenzie, D.A., 691  
 McLaughlin, T., 514, 563  
 McLean, S.A., 182  
 McNeill, G., 243, 624  
 McOsler, J., 1131  
 Meehan, T.J., 901  
 Meissner, W., 558  
 Menown, I.B., 779  
 Menten, O., 409, 765  
 Mentese, A., 635  
 Merchant, R.C., 868  
 Merhege, M., 641  
 Meriç, E.S., 424  
 Merlani, P., 1182  
 Merlin, M.A., 1089  
 Metlay, J.P., 544, 582  
 Michaels, A.D., 397  
 Michiels, V., 1182  
 Mijin, L., 956  
 Miller, A., 119  
 Miller, L.G., 893  
 Miller, M.A., 160, 875  
 Milling, T., 377  
 Mills, A.M., 552  
 Mills, L., 119  
 Milzman, D., 770  
 Milzman, D.P., 1085  
 Minelli, C., 986  
 Miner, J.R., 413  
 Minisola, G., 756  
 Minville, V., 1020  
 Mion, G., 247  
 Miró, Ö., 362  
 Miró, Ö., 660  
 Mitarai, T., 1000  
 Miura, S., 371  
 Mohamad, T., 374  
 Mok, K.L., 503  
 Molina, E.G., 751  
 Monck, L., 691  
 Monribot, M., 1060  
 Montano, N., 1103  
 Moolenaar, R.L., 1  
 Moomaw, C.J., 141  
 Moorhead, J., 691  
 Mor, M.K., 544  
 Moreno, S., 634  
 Mori, M., 176  
 Mortell, S., 980  
 Moscati, R.M., 413  
 Moss, R.D., 250  
 Motomura, M., 754  
 Moyano-Villaseca, B., 668  
 Mude, H., 237  
 Mukku, K.K., 256  
 Mularek-Kubzdela, T., 1181  
 Müller, V., 1183  
 Mulrow, M., 68, 119  
 Muñoz-González, J., 668  
 Muñoz-Mahamud, E., 373  
 Mycyk, M.B., 856  
 Nable, J.V., 734  
 Nagamine, Y., 902  
 Nager, A.L., 942  
 Nagurney, J.T., 43, 366  
 Naidu, K.S., 901  
 Nakai, K., 371  
 Nakamura, T., 153, 1173  
 Naples, R., 63  
 Napoli, A., 770  
 Napoli, A.M., 1085  
 Nauss, M.D., 372  
 Nelsen, J., 122  
 Nelson, L.S., 475  
 Nessi, I., 986  
 Newman, D., 1131  
 Ngako, A., 675  
 Ngo, A.S.-Y., 8  
 Ngo, L., 328  
 Nichols, J., 366  
 Nichols, J.H., 43  
 Nicolau, D.P., 968  
 Nikus, K.C., 1020  
 Nishizawa, S., 1173  
 Norquist, C., 115, 119  
 Norsa, A.H., 1103  
 Ntalianis, A., 377  
 Nwosu, H., 371  
 O'Connor, R.E., 337  
 Offenstadt, G., 132  
 Oh, J.H., 961  
 Oh, J.J., 8  
 Oh, J.S., 859  
 Oh, Y.M., 859  
 Ohde, S., 153  
 Ohta, T., 240  
 Okamoto, H., 470  
 Okudera, H., 240  
 Olasinska-Wisniewska, A., 1181  
 Olde Nordkamp, L.R., 271  
 Oman, J.A., 785  
 Omar, B., 750  
 on behalf of the Combined  
 Amsterdam and Rotterdam  
 Evaluation of FALLs  
 (CAREFALL) study group, 23  
 on behalf of the Rule-Out  
 Myocardial Infarction using  
 Coronary Artery Tomography  
 (ROMICAT) Study  
 Investigators, 43  
 Onal, I.K., 631  
 O'Neil, B.J., 816  
 Ong, M.E.H., 8, 16, 363  
 Ongoru, O., 409  
 Oray, N.C., 750  
 Oreopolous, G., 374  
 Orgogozo, J.M., 558  
 Ornato, J.P., 146, 779  
 Ortega, M., 660  
 Ortiz, M., 1150  
 Overton, J., 16  
 Owens, W.B., 134  
 Ozer, T., 765  
 Ozimek, J., 933  
 Ozkurt, H., 757  
 Oztas, E., 631  
 Packy, T., 847  
 Pallin, D., 980  
 Pan, L., 751  
 Panacek, E., 119  
 Pancioli, A., 141  
 Pancioli, A.M., 372  
 Panigrahi, A.K., 256  
 Papadimitriou, L., 651  
 Papaetis, G.S., 755  
 Papamichael, C., 377  
 Park, K.N., 859  
 Parlamento, S., 379  
 Parry, B.A., 1076  
 Patan, T., 635  
 Patel, B.M., 851  
 Patel, S., 1076  
 Pathak, S., 313  
 Patrick, V.C., 691  
 Peberdy, M.A., 779  
 Pefanis, A., 755

- Peng, T.-I., 517  
 Pensa, C., 376  
 Perera, N., 68  
 Permet, P., 132  
 Perrea, D., 651  
 Petrela, E.Y., 1090  
 Phelan, M.P., 1173  
 Pierog, J.E., 1174  
 Pinar, E., 1024  
 Pines, J.M., 552, 878  
 Pitani, R.S., 116  
 Platz, E., 363  
 Pliakas, J., 980  
 Pohl, A., 68  
 Pollack, C.V., Jr, 348, 595, 720  
 Porta, I.P., 1164  
 Porthan, K., 948  
 Pourmand, A., 369  
 Pourriat, J.-L., 254  
 Prat, S., 466  
 Prause, G., 133  
 Prestosh, J., 237  
 Priola, A.M., 633  
 Priola, S.M., 633  
 Proctor, J., 691  
 Pryor, P.W., II, 1089  
 Purnell, R., 373  
  
 Quaas, J., 1131  
 Quan, D., 759  
 Quercia, J.H., 131  
 Quinn, J., 1064  
 Quinn, J.V., 851  
 Quinn, S.M., 621  
  
 Rabbani, M.U., 752  
 Radeos, M.S., 191  
 Raffel, B., 1089  
 Ramirez, P., 1174  
 Rankin, P.M., 454  
 Reardon, J.M., 930  
 Rechavi, G., 761  
 Rechavi, M., 761  
 Redondo, B., 1024  
 Regan, L.A., 475  
 Reisinger, J., 176  
 Reitsma, J.B., 271  
 Renaud, B., 675  
 Rennert, G., 889  
 Resnick, J., 363  
 Resta, F., 1103  
 Richardson, K., 1181  
 Richardson, L.D., 333  
 Riddell, J.W., 779  
 Riffenburgh, R.H., 930  
 Rigaud, A.-S., 303  
 Rihani, T., 641  
 Ritter, S.E., 1171  
 Riviello, R., 119  
 Roarty, J., 436  
 Roberts, B.D., 146  
 Roberts, C.S., 146  
 Robinson, M.J., 751  
 Roche-Nagle, G., 254, 374  
 Rock, W., 1018, 1025  
 Rodeheaver, G.T., 227  
  
 Rodriguez, E., 119  
 Rogovik, A.L., 797  
 Rokas, G., 651  
 Romanov, A., 285  
 Ronan, D., 266  
 Rooney, J., 285  
 Rosenau, A.M., 1150  
 Rosin, A., 160  
 Rosman, Y., 1123  
 Ross, B.E., 280  
 Rossman, L., 922  
 Roth, R., 1136  
 Rothman, R.B., 1010  
 Rouanet, F., 558  
 Roupie, E., 675  
 Rowden, A.K., 756  
 Rowe, B.H., 191, 391, 1039  
 Royuela, A., 76  
 Ruano, M., 1174  
 Rubin, B.B., 254  
 Rubino, R., 1164  
 Rudiger, A., 630, 1183  
 Rudinsky, S.L., 930  
 Rudkin, S.E., 785  
 Ruha, A.-M., 759  
 Rusconi, A.M., 1103  
 Russ, S., 428  
 Russo, M., 376  
 Ryan, D., 1179  
  
 Sahin, M., 902  
 Sakamoto, T., 240, 308  
 Salameh, S., 262  
 Salemis, N.S., 129, 1023  
 Saliba, W.R., 1018, 1025  
 Salinas, G., 1174  
 Salloum, M., 675  
 Salmi, R., 244, 1096  
 Salzman, M., 1179  
 Sam, K.G., 628  
 San Roman, I., 634  
 Sanchez, M., 1069  
 Sanchez, M., 660  
 Santin, A., 675  
 Santre, C., 570  
 Sari, I., 169  
 Sarikaya, S., 130  
 Sato, H., 308  
 Saucedo, J.F., 720  
 Saul, T., 250  
 Savary, D., 570  
 Sawada, T., 1173  
 Sawyers, B., 933  
 Scalea, T., 983  
 Scarabelli, T.M., 898  
 Schauer, D.P., 293  
 Scheffer, A.C., 23  
 Schertz, R.A., 843  
 Scheuermeyer, F., 629  
 Schierling, M., 428  
 Schmid, C., 630  
 Schmidt, E.L., 372  
 Schmitz, G.R., 691  
 Schneider, S.M., 691  
 Schrading, W.A., 864  
 Schumann, H.M., 901  
 Schwarz, E.S., 515  
  
 Seak, C.-J., 131  
 Sease, K.L., 37  
 Sebastian, J.C., 216  
 Seibert, F.J., 133  
 Selbst, S.M., 942  
 Sen, A., 182  
 Senay, E., 627  
 Seppänen, J., 1020  
 Sethuraman, U., 514  
 Seven, B., 132  
 Sezer, A.A., 838  
 Shapira, R., 889  
 Sharma, R., 625  
 Shasha, W., 197  
 Shear, M., 980  
 Shear, M.L., 1076  
 Shen, W.-K., 271  
 Shesser, R., 449  
 Shetty, A.K., 633  
 Shiang, J.-C., 1180  
 Shiber, J.R., 588  
 Shiozaki, H., 754  
 Shofer, F.S., 37, 552, 916  
 Shokoohi, H., 369, 449  
 Shrot, S., 1123  
 Shun, H.-C., 1177  
 Siadat, M., 514  
 Siani, A., 1164  
 Sibun, I., 558  
 Sidebottom, M., 337  
 Silka, P.A., 280  
 Siman-Tov, Y., 761  
 Simon, L.V., 930  
 Singer, A.J., 285, 289, 513, 729, 847, 961, 1178  
 Singh, S.B., 536  
 Sioris, T., 1020  
 Siostzonek, P., 176  
 Skipworth, J.R., 255  
 Skorupski, W., 1181  
 Skrifvars, M.B., 440  
 Slattery, D., 348  
 Smit, J.M., 630  
 Smith, I., 372  
 Smith, J.P., 449  
 Smith, M.D., 253, 900  
 Smolle-Jüttner, F.-M., 1024  
 Smulowitz, P.B., 328  
 Snow, A., 243, 624  
 Sojka, B., 337  
 Solomon, H., 220  
 Solomon, S., 755  
 Soltani, P., 750  
 Song, F.-Q., 935  
 Song, Q., 751  
 Song, Y.-G., 903  
 Soni, S., 375  
 Sonoo, M., 754  
 Sonson, J.M., 250  
 Sood, R., 625  
 Soremekun, O.A., 1076  
 Souffras, G.D., 506  
 Soyuncu, S., 129, 905  
 Spampinato, R., 376  
 Spiller, H., 911  
 Spini, S., 758  
 Spyridakis, M., 1183  
  
 Stalnikowicz, R., 262  
 Stapczynski, S.J., 119  
 Starr, P., 911  
 Steiner, C., 176  
 Sterz, F., 460  
 Stieb, D.M., 391  
 Stoltzfus, J., 237  
 Stone, M.B., 376, 516  
 Stork, C.M., 122  
 Storrow, A.B., 293  
 Stranieri, G., 1164  
 Stratton, J., 628  
 Strehlow, M., 1064  
 Strote, J., 709, 747, 1136  
 Stull, B.W., 901  
 Su, C.-S., 370  
 Su, F.-C., 1106  
 Su, Y.-C., 753  
 Su, Y.-J., 249  
 Subrahmanyam, D., 256  
 Suleyman, T., 240  
 Sun, H.-D., 133  
 Suner, S., 750  
 Sungeun, K., 956  
 Suserud, B.-O., 202  
 Svendsen, E., 1  
 Sweeney, T.W., 134  
 Szyszkowicz, M., 165, 391  
  
 Tabas, J.A., 916  
 Taira, B.R., 285, 289, 729, 847  
 Tak, W.Y., 1013  
 Takahashi, C., 240  
 Takeda, K., 371  
 Talbot, S., 901  
 Tameze, J.K., 755  
 Tamir, A., 889  
 Tan, C.-K., 368  
 Tan, H.H., 607  
 Tan, T.P., 16  
 Tanen, D.A., 930  
 Tan-Schriner, C.U., 182  
 Tarakcioglu, M., 169  
 Tasi, Y.-M., 895  
 Tatum, J.L., 146  
 Taylor, J.S., 373  
 Tekinbas, C., 635  
 Tekwani, K.L., 776  
 Terashita, D., 55  
 Thacker, J.G., 227  
 The IMPAACT Project Investigators, 582  
 Thode, H.C., Jr, 289  
 Thole, D., 933  
 Thomas, S., 980  
 Thomas, S.H., 1076  
 Thunga, G., 628  
 Tian, X.-F., 935  
 Timsit, J.-F., 570  
 Tiu, C.-M., 320, 574  
 Tokuda, Y., 153, 902  
 Toledano, M., 761  
 Topbaş, M., 424, 635  
 Torka, P., 625  
 Torreggiani, W.C., 243, 624  
 Townes, D., 709

- Tsai, C.-L., 1039  
 Tsai, J.-J., 759  
 Tsai, M.-J., 574  
 Tsai, S.-H., 627, 1022, 1025  
 Tsai, W.-C., 251, 253  
 Tsao, T.-P., 1175  
 Tsao, Y.-T., 251, 253, 629  
 Tseng, C.-L., 134, 1017  
 Tseng, P.-H., 802  
 Tsou, J.-Y., 1106  
 Tu, C.-M., 903, 1175  
 Tu, C.-Y., 256  
 Tufan, T., 409, 765  
 Türedi, S., 424  
 Turedi, S., 635  
 Turkmen, S., 635  
 Turkyilmaz, S., 132  
 Turock, M.K., 237  
  
 Ucar, U., 635  
 Ucgaki, S., 470  
 Ulus, T., 251  
 Uray, T., 460  
 Uspal, N.G., 117  
 Uyanik, A., 626  
 Uzkeser, M., 132, 508, 626  
 Uzun, H., 424  
  
 Valdés, M., 634, 1024  
 Valdez, M., 641  
 van Breda, G.F., 23  
 van der Cammen, T.J., 23  
 van Dijk, N., 23, 271  
 van Heurn, L., 1017  
 van Hooren, L., 1017  
 Van Order, P., 922  
 Van Sickle, D., 1  
 Varadarajan, S., 116  
 Varney, S.M., 259  
 Varon, J., 113, 707  
 Vaubourdolle, M., 132  
 Väyrynen, T., 948  
 Vela-Zárate, P., 707  
 Verma, M., 628  
 Verma, S., 368  
 Vettorello, M., 986  
 Vicente, A., 76  
 Vincentelli, C., 751  
  
 Vitrat, F., 570  
 Volfson, D., 257  
 Volpicelli, G., 128, 633, 1159  
 Vorburger, S.A., 246  
 Vrints, C., 1182  
 Vural, K., 838  
  
 Wack, C.A., 997  
 Wagner, O.J., 246, 511  
 Wahab, A., 752  
 Wahab, S., 752  
 Waldman, S., 376  
 Wallace, D.J., 419  
 Walsh, R.C., 901  
 Wandaller, A., 460  
 Wandaller, C., 460  
 Wang, A.-C., 757  
 Wang, C.-C., 1021, 1180  
 Wang, F.-L., 1175  
 Wang, H., 107, 212  
 Wang, H.E., 1136  
 Wang, H.-P., 802  
 Wang, L.-P., 935  
 Wang, S.-H., 900  
 Wang, S.-Q., 903  
 Wang, T.-L., 632, 753  
 Wang, W.-b., 903  
 Wang, W.W.-J., 1034  
 Wang, Y.-C., 792  
 Ward, R., 754  
 Watts, D.J., 237  
 Watts, H.F., 776  
 Weaver, K.R., 1150  
 Wedel, S.K., 49  
 Weiss, S., 266, 830  
 Weiss, S.J., 641  
 Weizer-Stern, O., 761  
 Wells, R.D., 436  
 Wenck, M.A., 1  
 Weng, C.-S., 130  
 Weng, H.-F., 127  
 Weng, T.-I., 1016  
 Weng, W.-C., 517  
 Weng, Y.-M., 130, 369  
 Werner, S., 363  
 White, H., 785  
 Wieling, W., 271  
  
 Williams, K.A., Jr., 517  
 Williamson, A., 337  
 Wilson, B., 368  
 Wind, J., 1017  
 Windham, A.F., 1027  
 Windsor, A.C., 255  
 Winstanley, A., 255  
 Winter, A., 176  
 Winter, T., 176  
 Winters, M.E., 1000  
 Winther, M., 313  
 Wira, C.R., 1021  
 Wong, S.L., 633  
 Wong, Y.T., 503  
 Wood, J.P., 851  
 Woosley, J.T., 753  
 Wouters, N.T., 899  
 Wrenn, K., 428, 519  
 Wu, C.-C., 1180  
 Wu, C.-I., 257  
 Wu, C.-J., 823  
 Wu, C.-L., 517  
 Wu, J.-Y., 823  
 Wu, M.-S., 802  
 Wu, S.-C., 792  
 Wu, Y.-C., 629  
 Wynn, B.N., 922  
  
 Xanthos, T., 651  
 Xavier, V., 628  
 Xie, L., 935  
 Xu, T., 107, 212  
 Xu, X., 729  
  
 Yamamoto, L.G., 810  
 Yaman, H., 409  
 Yan, M.-T., 752  
 Yanagawa, Y., 249, 308, 754, 1163  
 Yang, C.-J., 895  
 Yang, C.-S., 629  
 Yang, D.-K., 133  
 Yang, M.-L., 530  
 Yang, S.-P., 903  
 Yang, S.-S., 752  
 Yanturali, S., 750  
 Yan-Zhen Liu, A., 802  
 Yardan, T., 838  
  
 Yeh, C.-C., 792  
 Yeh, H.-F., 131, 252  
 Yeh, S.-M., 895  
 Yekuo, L., 197  
 Yen, D.H.-T., 320, 975  
 Yen, H.-H., 1010  
 Yiadom, M.Y., 536  
 Yialamas, M.A., 1076  
 Yigit, O., 129  
 Yigit, T., 409  
 Yildirim, C., 1022  
 Yildirim, C., 169  
 Yilmaz, F., 757  
 Yilmaz, F.M., 838  
 Yilmaz, G., 838  
 Yin, L.H., 1013  
 Yoonhee, C., 956  
 Yoshida, D., 1064  
 Yoshida, T., 626  
 Young, J., 119  
 Young, L.L., 810  
 Young, M.R., 115  
 Young, S.E., 875  
 Yousef, Z.R., 373  
 Yu, J.-H., 369  
 Yu, W.-L., 368  
 Yue, H., 751  
 Yuen, C.K., 503  
 Yulug, E., 635  
 Yung-Fa, L., 1019  
 Yürüktümen, A., 1049  
 Yuzbasioglu, Y., 838  
  
 Zad, O., 377  
 Zamora, J., 76  
 Zauicke, J.L., 901  
 Zeger, W., 119  
 Zehtabchi, S., 563  
 Zhang, G.-C., 823  
 Zhang, X.-W., 935  
 Zhou, C., 428  
 Zhou, F., 751  
 Zimmerman, T., 285  
 Zimmermann, H., 246  
 Zlidenny, A., 770  
 Zuber, M., 397  
 Zura, R.B., 227  
 Zwank, M., 513





## INDEX TO VOLUME 27

### Keywords

- Abdominal compartment syndrome, critical care literature 2008, 1000–1009
- Abdominal pain  
association between physician risk-taking behavior and imaging use in ED, 552–557  
and fever, following drainage of peritonsillar abscess, 515.e3–515.e5  
recurrent episodes of, in SCLS, 755.e5–755.e7  
undifferentiated, DRE in the evaluation of, 1125–1129
- Abdominal trauma, blunt, acute portal venous thrombosis after, 372.e1–372.e3
- Abscess  
cutaneous  
national epidemiology of ED visits for, 289–292  
*Staphylococcus aureus*-containing, of patients with HIV, antibiotic resistance in, 344–347  
epidural, cervical and spinal, cluster-like headache as an opening symptom of, 370.e5–370.e6  
holospinal epidural, positive for methicillin-resistant *Staphylococcus aureus*, 514.e7–514.e9  
peritonsillar, Lemierre syndrome following drainage of, 515.e3–515.e5  
splenic, and infarction, complicating infective endocarditis, 1021.e3–1021.e5  
Accidental fall, and flaccid leg, acute aortic dissection presenting as, 127.e1–127.e2  
Accidental ingestion, of amphetamine and methylphenidate in children, outcomes after, 933–934  
Acidosis, effect of prolonged exposure of TASER CEWs on markers of, in exhausted humans, 413–418  
(letter), 747–749  
Acupuncture, efficacy and feasibility in ED patients with acute, nonpenetrating musculoskeletal injury of the extremities, 280–284  
Acute abdomen, pulmonary embolism presenting as, a child and adult, 514.e1–514.e5  
Acute angle-closure glaucoma, bilateral, after bronchodilator therapy, 257.e5–257.e6  
Acute chest syndrome, diagnosed by lung sonography, 516.e5–516.e6  
Acute colonic pseudo-obstruction (ACPO), radiologic diagnosis and medical treatment with neostigmine, 757.e1–757.e4  
Acute coronary syndrome (ACS)  
an unusual presentation of bilateral coronary dissection after car accident, 1024.e3–1024.e5  
body surface mapping versus 12-lead ECG for evaluation of, using emergency physician real-time interpretation, 816–822  
cardiac literature 2008, 481–491  
considerations of hospital availability of PCI for treatment of, 595–606  
non-ST-segment elevation, expert consensus on treatment strategies in patients undergoing PCI, 720–728  
prediction of myocardial infarction risk in older patients with, 675–682  
RBBB in, diagnostic and therapeutic implications for the emergency physician, 1130–1141  
trastuzumab-associated cardiomyopathy presenting as new onset of complete LBBB mimicking, 903.e1–903.e3  
Acute inflammatory demyelinating polyneuropathy (AIDP), as initial presentation of SLE, 900.e3–900.e5  
Acute myocardial infarction. *see* Myocardial infarction, acute  
Adenoma, pituitary, with apoplexy, initial presentation mimicking bacterial meningoencephalitis, 517.e1–517.e4  
Adenomyosis, false-positive urine pregnancy test in a woman with, 1019.e5–1019.e7  
Adenosine, cardiopulmonary arrest induced by, in a patient PSVT, 901.e1–901.e2  
Adolescents, first-order alcohol elimination in alcohol intoxication in, 128.e5–128.e6  
Adrenal insufficiency, critical care literature 2008, 1000–1009  
Adult  
pulmonary embolism presenting as acute abdomen, 514.e1–514.e5  
role of DRE in suspected appendicitis (erratum), 511  
Adverse drug effects  
associated with ketamine for procedural sedation in adults (erratum), 512  
to rifampin-containing regimen, for treatment of CAMRSA skin infection (letter), 893–894  
Air pollution  
relation to ED visits  
for chest pain, 165–168  
for migraine and headache in Edmonton, Canada, 391–396  
and weather conditions, relation to ED visits for asthma, in Japan, 153–159  
Airway compression, upper, due to aortic aneurysm, metallic stents for, 256.e1–256.e4  
Airway management, difficult, in severe angioedema in myxedema coma, 1021.e1–1021.e2  
Akathisia, acute, incidence of, in relation to infusion rate of metoclopramide, 475–480  
Albumin, ischemia-modified  
in diagnosis of acute mesenteric ischemia (letter), 239–240  
in the diagnosis of pulmonary embolism, 635–640  
Alcohol consumption  
excessive, relation with aortic dissection (letter), 1163–1165  
relationship with severity of injury in ED trauma patients, 956–960  
Alcohol intoxication, first-order alcohol elimination in an adolescent, 128.e5–128.e6  
Allergy. *see* Anaphylaxis  
Alpha-blockade ( $\alpha$ -blockade), use by emergency physicians for the treatment of ureteral stones, 776–778  
Altitude, physiologic affects of, on recreational climbers, 1081–1084  
Aluminium phosphide poisoning, spontaneous self-ignition in, 752.e5–752.e6  
Amantadine intoxication, obstructive acute renal failure related to, 371.e5–371.e7  
Ambulance  
call, effect of change from paper records to electronic patient records on duration of, 948–955  
use in densely and sparsely populated areas, 202–211  
Amphetamine, and methylphenidate, accidental pediatric ingestions of, outcomes after, 933–934  
Analgesia, in trauma patients in critical care transport, factors associated with, 49–54  
Anaphylaxis  
to normal saline solution, 130.e1–130.e2  
wasp sting, coagulation abnormalities induced by, 1176.e1–1176.e3  
Anesthesia, veterinary, containing tiletamine, movement disorder caused by abuse of, 1022.e5–1022.e6  
Aneurysm, of splenic artery, rupture of, during early pregnancy, 898.e5–898.e6  
Angioedema, severe, in myxedema coma, difficult airway in, 1021.e1–1021.e2  
Angioembolization, for pelvic fracture instability, 792–796  
Angioplasty  
facilitated with combined thrombolytic therapy and glycoprotein IIb/IIIa inhibitors, in patients with STEMI, 683–690  
primary, versus fibrinolysis, in STEMI, PCI-related time delay, patient's risk profile and survival benefits of, 712–719

- Ankaferd Blood Stopper (ABS), profuse bleeding leading to hemodynamic instability controlled by tandem oral, rectal, and nasal administrations of, 631.e1-631.e2
- Anthropometric measurement, accuracy in estimation of adult patients' weight, 1060-1064
- Antibiotics  
 $\beta$ -lactam *versus* CAMRSA, for treatment of cellulitis in pre- and post-CAMRSA eras, 436-439  
 prescription of, for presumed nonbacterial acute respiratory tract infections, 544-551  
 resistance to, in *Staphylococcus aureus*-containing cutaneous abscesses of patients with HIV, 344-347  
 usefulness of semiquantitative procalcitonin test kit as a guideline for treatment with, 859-863
- Antidepressant, tricyclic, intoxication, treated with massive sodium bicarbonate, 1168.e3-1168.e7
- Anti-muscle-specific tyrosine kinase (MuSK)-antibody, myasthenia gravis positive for, 754.e5-754.e6
- Antiplatelet therapy, timing administration of, 348-361
- Antipsychotic medications, atypical, cardiovascular effects after overdose of, 607-616
- Antithrombin III deficiency, simultaneous thromboses of double coronary arteries, in a young male with, 1169.e3-1169.e6
- Antivenom therapy, low-dose, efficacy on morbidity and mortality in snakebite (letter), 247-248
- Aortic aneurysm, metallic stents for severe upper airway compression due to, 256.e1-256.e4
- Aortic dissection  
 acute  
 acute myocardial infarction with cardiogenic shock in a patient with, 899.e3-899.e6  
 presenting as an accidental fall and flaccid left leg, 127.e1-127.e2  
 diagnosis in young patient (letter), 236-237  
 relation between excessive alcohol consumption and (letter), 1163-1165  
 Aortitis, caused by methicillin-resistant *Staphylococcus aureus*, in a cardiac transplant patient, 1174.e5-1174.e6  
 Aortoduodenal fistula, spontaneous or primary, presenting with upper gastrointestinal bleeding in the ED, 1169.e1-1169.e2  
 Aortoenteric fistula, secondary, endovascular treatment of gastrointestinal bleeding caused by, 374.e3-374.e5  
 Aortotracheal fistula, hoarseness as first manifestation of, 1019.e1-1019.e3
- Appendicitis  
 acute  
 an unusual presentation of *Streptococcus pyogenes* infection, 254.e1-254.e2  
 D-dimer serum level as diagnostic parameter for, 765-769  
 presenting with *Klebsiella pneumoniae* septicemia due to bacterial translocation, 1023.e3-1023.e4  
 role of urinary 5-HIAA in the early diagnosis of, 409-412  
 ruptured, and peritonitis, with pseudomyocardial infarction, 627.e5-627.e8  
 association of female gender with ED delays to diagnosis in the CT era, 856-858  
 suspected, in adults, role of DRE in (erratum), 511  
 traumatic, eFAST in diagnosis of, 632.e5-632.e7
- Arrhythmia, lethal, and corticosteroid insufficiency, 1167.e1-1167.e3
- Arterial blood gas, construction of a Web-based interpreter of (letter), 1161-1163
- Arteriovenous malformation, multiple pulmonary, presenting as an acute MI, 1020.e5-1020.e7
- Arteritis  
 giant cell temporal, ESR for the diagnosis of, in ED, 255.e1-255.e3
- Arthritis  
 septic, of the hip caused by nontyphi *Salmonella* after urinary tract infection, 373.e5-373.e8
- Ascites, and periportal edema, CT signs of traumatic cardiac tamponade, 127.e3-127.e4
- Asphyxia, cardiac arrest, dose-response of vasopressin in a rat model of, 935-941
- Aspirin. *see* Salicylate
- Asplenia, congenital, fatal pneumococcal Waterhouse-Friderichsen syndrome in a vaccinated adult with, 751.e3-751.e5
- Asthma  
 acute, in children, misconceptions regarding levalbuterol in the treatment of (letter), 117-119  
 in Japan, relationship of air pollution and weather conditions to ED visits for, 153-159
- Asystole, after TASER injury, hypothermia protocol for resuscitation of a patient in, 515.e1-515.e2
- Ataxia, associated with spurious hyperchloremia, 752.e1-752.e3
- Atenolol, in combination with epinephrine and levosimendan, in treatment of experimental cardiac arrest, 651-659
- Atropine, and pralidoxime, effects on cardiac damage in acute organophosphate poisoning in rats, 169-175
- Bacterial translocation  
 acute appendicitis presenting with *Klebsiella pneumoniae* septicemia due to, 1023.e3-1023.e4  
 in heat stroke, 1168.e1-1168.e2
- Basedow's paraplegia, and pancytopenia, as rare presentations of hyperthyroidism, 258.e1-258.e2
- Beta-blockers ( $\beta$ -blockers), treatment of acquired left ventricular outflow tract obstruction and cardiogenic shock, 373.e1-373.e3
- Black widow spider, envenomation, priapism associated with, 759.e1-759.e2
- Bleeding  
 profuse, leading to hemodynamic instability, controlled by tandem oral, rectal, and nasal administrations of ABS, 631.e1-631.e2  
 systemic, in a patient with enoxaparin-induced thrombocytopenia, 756.e1-756.e2  
 upper gastrointestinal, spontaneous or primary aortoduodenal fistula presenting with, in the ED, 1169.e1-1169.e2  
 uterine, chronic, severe lactic acidosis as a result of iron deficiency anemia due to, 377.e7-377.e9
- Blood loss  
 ED patient estimation of, 709-711  
 external, estimation using the MAR method, 1085-1090
- Blood pressure control, relation with symptomatic improvement of oculomotor palsy due to primitive trigeminal artery, 634.e5-634.e7
- Bochdalek diaphragmatic hernia, masquerading as pneumonia, causing non-traumatic hemothorax, 252.e1-252.e2
- Body habitus, in addition to length, for estimation of children's weight, 810-815
- Body surface mapping  
*versus* 12-lead ECG  
 to detect STEMI, 779-784  
 for evaluation of ACS symptoms using emergency physician real-time interpretation, 816-822
- Bone pain, as an atypical early manifestation of acute myocardial infarction (letter), 894-895
- Brain death, caused by valproic acid intoxication, 1177.e5-1177.e6
- Brain natriuretic peptide (BNP)  
 prognostic significance  
 in ED patients with SIRS or sepsis, 701-706  
 in sepsis (editorial), 707-708
- Bronchodilator therapy, bilateral acute angle-closure glaucoma after, 257.e5-257.e6
- Brugada syndrome  
 associated with heat stroke, ECG in diagnosis of, 634.e1-634.e3  
 caused by flecainide overdose, in a previously well patient, ECG pattern of, 375.e1-375.e3  
 (letter), 1013-1015
- Bupropion, extended-release, incidence and onset of delayed seizures after overdose, 911-915
- Burn  
 porcine comb model, validation of, 285-288  
 severe, isotonic *versus* hypertonic fluids during resuscitation, 1091-1096
- Caffeine overdose, cardiovascular collapse from, lidocaine, phenylephrine, and hemodialysis for treatment of, 253.e3-253.e6
- Capnography, monitoring in nonintubated patients with respiratory distress, 1056-1059
- Carbamate poisoning, management in a mass casualties event, 1117-1124
- Carbon monoxide poisoning  
 cerebellar white matter damage due to, 757.e5-757.e7  
 elevated serum S100B protein and neuron-specific enolase levels in, 838-842  
 interleukin 6 in cerebrospinal fluid as predictive marker of delayed encephalopathy at early phase of, 992-996
- Cardiac arrest  
 asphyxial, dose-response of vasopressin in a rat model of, 935-941  
 cardiac literature 2008, 481-491  
 clinical quality *versus* standard manual chest compressions in a porcine model of, 823-829  
 cranial CT in the resuscitated patient with, 63-67  
 experimental, combination pharmacotherapy in treatment of, 651-659  
 head and neck cooling after, comparison of jugular bulb temperature and esophageal temperature during, 460-465  
 influence of early administration of selenium on neurological outcome after, 176-181  
 out-of-hospital  
 immediate prehospital hypothermia protocol in comatose survivors of, 570-573

- witnessed by emergency medical service, influence of prearrest shock and respiratory insufficiency on outcome of, 440-448
- in setting of diet pill consumption (letter), 1010-1013
- Cardiac damage, in acute organophosphate poisoning in rats, effects of atropine and pralidoxime on, 169-175
- Cardiac defibrillation, influence of CPR time prior to, on outcome of out-of-hospital VF patients, 470-474
- Cardiac memory phenomenon, T-wave inversion attributed to, 898.e1-898.e4
- Cardiac pacing, temporary, left ventricular, a viable option in emergency situation, 374.e1-374.e2
- Cardiac tamponade
- critical, prehospital mechanical ventilation of a, 1020.e1-1020.e3
  - traumatic, CT signs of, 127.e3-127.e4
- Cardiac transplantation, methicillin-resistant *Staphylococcus aureus* aortitis following, 1174.e5-1174.e6
- Cardiac troponin I. *see* Troponin I, cardiac
- Cardiogenic pulmonary edema, acute, with preserved or impaired left ventricular systolic function, effect of CPAP in, 986-991
- Cardiogenic shock
- and acquired left ventricular outflow tract obstruction treated with  $\beta$ -blockers, 373.e1-373.e3
  - acute myocardial infarction with, in a patient with acute aortic dissection, 899.e3-899.e6
  - caused by simultaneous occlusion of 2 coronary arteries, 1175.e5-1175.e7
- Cardiomyopathy
- associated with trastuzumab, presenting as new onset of complete LBBB mimicking ACS, 903.e1-903.e3
  - dilated, clinical profiles of pediatric patients before diagnosis, 942-947
- Cardiopulmonary arrest
- adenosine-induced, in a patient with PSVT, 901.e1-901.e2
  - out-of-hospital, investigate the laboratory findings in predicting the outcome of, 308-312
- Cardiopulmonary resuscitation (CPR). *see also* Resuscitation
- mechanical device, ruptured liver and spleen after use of, 1017.e1-1017.e2
  - over-the-head *versus* standard, chest compression kinematics associated with, 1112-1116
  - time before first defibrillation, influence on outcome of out-of-hospital VF patients, 470-474
- Cardiovascular collapse, from caffeine overdose, lidocaine, phenylephrine, and hemodialysis for treatment of, 253.e3-253.e6
- Cardiovascular effects, after atypical antipsychotic medication overdose, 607-616
- CAREFALL Triage Instrument (CTI), for identifying risk factors for recurrent falls in elderly patients, 23-36
- Carotid artery dissection, spontaneous bilateral, presenting with isolated headache, 754.e1-754.e3
- Carpal-metacarpal joints, of the index, middle and ring finger, dislocation of, 630.e1-630.e2
- Cellulitis, comparison of initial antibiotic choice in pre- and post-CAMRSA eras, 436-439
- Central Line Emergency Access Registry (CLEAR), project protocol methods paper (letter), 119-122
- Central nervous system depression, severe, in a patient with acute imidacloprid poisoning, 1171.e5-1171.e7
- Central venous pressure, correlation of bedside ultrasonography of internal jugular vein with, 851-855
- Cerebellar white matter damage, due to carbon monoxide poisoning, 757.e5-757.e7
- Cerebral venous thrombosis
- presenting with subarachnoid hemorrhage, CT for diagnosis of, 96-106
  - unusual association between Guillain-Barre syndrome and, 758.e3-758.e4
- Cerebrospinal fluid (CSF)
- analysis, value in stat laboratory, 758.e1-758.e2
  - interleukin 6 in, as predictive marker of delayed encephalopathy at the early phase of carbon monoxide poisoning, 992-996
- Cerebrovascular disease, acute, *Solanum erianthum* intoxication mimicking, 249.e1-249.e2
- Cervical abscess, epidural, cluster-like headache as an opening symptom of, 370.e5-370.e6
- Cervical spine, epidural hematoma of, after chiropractic spinal manipulation, 1023.e1-1023.e2
- Chest compressions, clinical quality *versus* standard manual, in a porcine model of cardiac arrest, 823-829
- Chest injury, pulmonary edema induced by, in an infant (letter), 1160
- Chest pain
- acute, limitations of TIMI risk score models in patients with, 43-48 (letter), 365-367
  - combination of TIMI risk score and clear-cut alternative diagnosis for risk stratification of patients with, 37-42
  - ED visits for, relation to air pollution, 165-168
  - exercise stress test for management of low-risk patients with, 889-892
- Chest pain unit (CPU)
- and ED, prevalence of syncope in, 271-279
  - frequent users of, predictors and outcomes of, 660-667
- Chest radiography, *versus* thoracic impedance, to diagnose acute pulmonary edema in the ED, 770-775
- Children. *see* Pediatrics
- Chiropractic spinal manipulation, cervical epidural hematoma after, 1023.e1-1023.e2
- Chlorine gas
- inhalation, acute, MI, acute ischemic stroke, and hyperglycemia triggered by, 1022.e1-1022.e4
  - after a train derailment, acute health effects after exposure to, 1-7
- Cholecystitis, acute, segmented neutrophil and CT for diagnosis of gallbladder perforation in, 574-581
- Cholinesterase, serial serum activities, prognostic value in organophosphate poisoning, 1034-1039
- Chorea, acute, as a presentation of Graves disease, 369.e1-369.e3
- Chronic obstructive pulmonary disease (COPD)
- ED visit volume and quality of care in acute exacerbations of, 1040-1049
  - self-reported, validation among patients in the ED, 191-196
- Climbers, recreational, physiological affects of altitude on, 1081-1084
- Coagulation disorder, induced by a wasp sting anaphylaxis, 1176.e1-1176.e3
- Cold hemifiltration, fatal exertional heat stroke successfully treated with, 751.e1-751.e2
- Colonic necrosis, due to sodium polystyrene sulfate, 753.e1-753.e2
- Coma
- immediate prehospital hypothermia protocol in survivors of out-of-hospital cardiac arrest, 570-573
  - myxedema, severe angioedema in, difficult airway in, 1021.e1-1021.e2
- Community-acquired methicillin-resistant *Staphylococcus aureus* (CAMRSA) adverse event to rifampin-containing regimen for treatment of skin infection caused by (letter), 893-894
- initial antibiotic choice for treatment of cellulitis in pre- and post-emergence of, 436-439
- Compartment syndrome, bilateral peroneal, after horse riding, 901.e3-901.e5
- Computed tomography (CT)
- in acute pulmonary embolism, interobserver agreement in the interpretation of, 1109-1111
  - association of female gender with ED delays to diagnosis of appendicitis in era of, 856-858
  - comparison of the palatability of flavored oral contrasts, 847-850
  - cranial, in the resuscitated patient with cardiac arrest, 63-67
  - for diagnosis of cerebral venous thrombosis presenting with subarachnoid hemorrhage, 96-106
  - for diagnosis of gallbladder perforation in acute cholecystitis, 574-581
  - for evaluation of periportal edema and ascites in traumatic cardiac tamponade, 127.e3-127.e4
  - and MRI, preauthorization program, effect on ED utilization, 328-332
  - spiral, prevalence of incidental findings in trauma patients detected by, 428-435
  - transient high-density area on, in juvenile lung injury, 249.e3-249.e4
  - use in patients with headache, 333-336
- Conducted electrical weapons (CEWs), prolonged exposure of, effect on markers of acidosis in exhausted humans, 413-418
- (letter), 747-749
- Congenital asplenia, fatal pneumococcal Waterhouse-Friderichsen syndrome in a vaccinated adult with, 751.e3-751.e5
- Congenital small bowel malrotation, precipitous decline of gravid patient with, 629.e5-629.e6
- Congestive heart failure (CHF)
- cardiac literature 2008, 481-491
  - IVC diameter use for identification of, 71-75
- Continuous positive airway pressure (CPAP), effect in acute cardiogenic pulmonary edema with preserved or impaired left ventricular systolic function, 986-991
- Contrast media, oral flavored, in CT, comparison of palatability of, 847-850
- Cooling. *see* Hypothermia, therapeutic
- Copperhead envenomation, onset shock, respiratory failure, and coagulopathy after, 377.e1-377.e5
- Cornstarch powder, on medical gloves, citizen's petition to FDA to ban the use of, 227-235



- Coronary artery  
disease, emergency endoscopy for upper gastrointestinal bleeding in, 802-809  
double, simultaneous thromboses of, in a young male with antithrombin III deficiency, 1169.e3-1169.e6  
simultaneous occlusion, causing cardiogenic shock, 1175.e5-1175.e7
- Coronary dissection, bilateral, after car accident, ACS as an unusual presentation of, 1024.e3-1024.e5
- Coronary ostium, acute thromboembolic occlusion of, sudden death from, 1172.e1-1172.e3
- Corticosteroid insufficiency, and lethal arrhythmia, 1167.e1-1167.e3
- Cost-benefit analysis, of ED decision making in patients with non-high-risk heart failure, 293-302
- Cricothyroidotomy, emergency, in a patient with severe facial trauma and difficult neck anatomy, 133.e1-133.e4  
(letter), 504-506
- Critical care transport, factors associated with analgesia in trauma patients in, 49-54
- Critical illness, effect of expedited admission from ED to ICU on duration of mechanical ventilation and hospital length of stay, 843-846
- Cyclobenzaprine, serotonin syndrome induced by (letter), 509-510
- D-dimer  
diagnostic value in patients with suspected acute mesenteric ischemia, 975-979  
pragmatic classification of the causes of high concentrations of, 1016.e5-1016.e7  
serum level of, as diagnostic parameter for acute appendicitis, 765-769
- Death, sudden, from acute thromboembolic occlusion of the left coronary ostium, 1172.e1-1172.e3
- Decision making  
cost-effectiveness analysis of ED in patients with non-high-risk heart failure, 293-302  
value of DRE in (letter), 246-247
- Delusions, of parasitosis, 997-999
- Demyelinating polyneuropathy, acute inflammatory, as initial presentation of SLE, 900.e3-900.e5
- Diabetic ketoacidosis, and normokalemia, acute inferior pseudoinfarction pattern in a patient with, 251.e3-251.e5
- Diagnosis  
accuracy of bedside qualitative immunochromatographic test for acute MI (letter), 116-117  
of acute appendicitis using D-dimer serum level, 765-769  
of acute chest syndrome by lung sonography, 516.e5-516.e6  
of acute mesenteric ischemia using  
D-dimer, 975-979  
IMA (letter), 239-240  
of acute stroke, additive accuracy of the Triage Stroke Panel to the triaging nurse for, 558-562  
considerations for acute loin pain, 254.e3-254.e4  
delayed, of appendicitis in ED, association of female gender with, in the CT era, 856-858  
early, of acute appendicitis, role of urinary 5-HIAA in, 409-412  
in ED, of acute subretinal hemorrhage and exudative age-related macular degeneration, role of bedside ocular ultrasound in, 369.e5-369.e7  
of IVCD, ECG algorithm for, 492-502  
of Mallory-Weiss syndrome in the ED (letter), 1010-1015  
of papilledema and increased intracranial pressure in pseudotumor cerebri using ultrasound, 376.e1-376.e2  
of *Plasmodium ovale* infection, value of Liu's stain in, 759.e3-759.e5  
of small bowel obstruction after gastric bypass using lipase levels, 1167.e5-1167.e7  
of superficial temporal artery pseudoaneurysm in the ED, ultrasonography for, 627.e1-627.e3
- Diagnostic testing, cardiac literature 2008, 481-491
- Diclofenac, spontaneous thigh hematoma associated with, 129.e1-129.e2
- Diet pill, cardiac arrest associated with consumption of (letter), 1010-1013
- Digital rectal examination (DRE)  
in the evaluation of undifferentiated abdominal pain, 1125-1129  
role in suspected appendicitis in adults (erratum), 511  
value in decision making (letter), 246-247
- Dilated cardiomyopathy, clinical profiles of pediatric patients before diagnosis, 942-947
- Dislocation  
of the carpal-metacarpal joints of the index, middle and ring finger, 630.e1-630.e2  
of heart, traumatic pericardial rupture with, transdiaphragmatic heart repositioning in the setting of emergency laparotomy after, 1024.e1-1024.e2
- Drug abuse, of veterinary anesthesia containing tiletamine, movement disorder caused by, 1022.e5-1022.e6
- Drug administration, tandem oral, rectal, and nasal, of ABS to control profuse bleeding leading to hemodynamic instability, 631.e1-631.e2
- Drug combination, in treatment of experimental cardiac arrest, 651-659
- Drug-eluting stents, simultaneous VAST of, 131.e5-131.e8
- Drug overdose  
of atypical antipsychotic medications, cardiovascular effects after, 607-616  
extended-release bupropion, incidence and onset of delayed seizures after, 911-915  
flecainide, causing Brugada-type pattern on ECG in a previously well patient, 375.e1-375.e3  
(letter), 1013-1015  
6-mercaptopurine, presentation in ED, 513.e1-513.e2  
with phenprobamate, value of plasmapheresis in, 626.e1-626.e2
- Dysrhythmias, cardiac literature 2008, 481-491
- Eclampsia, status epilepticus confused with, due to proteinuria, 625.e5-625.e6
- Ectopic pregnancy, cornual, thirteen-week, 900.e1-900.e2
- Editorials, 113-114, 707-708, 983-985
- Educational status, relationship between degree of paramedic's occupational organizational commitment and, 830-837
- Elderly patients. *see* Geriatric patients
- Electrical weapons, conducted, prolonged exposure of, effect on markers of acidosis in exhausted humans, 413-418  
(letter), 747-749
- Electrocardiography (ECG)  
acoustic, bedside prediction of increased left ventricular filling pressure using, 397-408  
algorithm for rapid detection and diagnosis of IVCD, 492-502  
Brugada-type pattern on, caused by flecainide overdose in a previously well patient, 375.e1-375.e3  
(letter), 1013-1015  
changes  
during STEMI, 734-746  
survival after hydrochloric acid ingestion with (erratum), 126  
in diagnosis of Brugada syndrome associated with heat stroke, 634.e1-634.e3  
for the diagnosis of seizure, 376.e3-376.e7  
12-lead  
versus body surface mapping, for evaluation of ACS symptoms using emergency physician real-time interpretation, 816-822  
versus body surface mapping, to detect STEMI, 779-784  
manifestations of preexcitation syndrome, 878-888  
manifestation of spontaneous pneumothorax, 750.e1-750.e5  
in patients with MI in the troponin era, mortality based on, 146-152  
ST-segment elevation, in Takotsubo cardiomyopathy vs. STEMI, 220-226
- Electronic patient records, effect of change from paper records to, on ambulance call duration, 948-955
- Emergency Coma Scale, concept, validity and simplicity of, for patients in the ED (letter), 240-243
- Emergency department (ED)  
association of female gender with delays to diagnosis of appendicitis in CT era, 856-858  
associations between air pollution and visits to, for migraine and headache in Edmonton, Canada, 391-396  
bundle of actions to improve adherence to Surviving Sepsis Campaign guidelines at, 668-674  
characteristics of patients in relation to hyper-use of, 588-594  
concept, validity and simplicity of Emergency Coma Scale for patients in (letter), 240-243  
correlation between elevated cardiac troponin I and pulmonary artery obstruction index in with pulmonary embolism in, 449-453  
and CPU, prevalence of syncope in, 271-279  
decision making, cost-effectiveness analysis in patients with non-high-risk heart failure, 293-302  
diagnosis and management of acute subretinal hemorrhage and exudative age-related macular degeneration, 369.e5-369.e7  
diagnosis of Mallory-Weiss syndrome in (letter), 1010-1015  
effective influenza vaccine program in (letter), 1154-1157  
effect of CT and MRI preauthorization program on utilization of, 328-332  
efficacy and feasibility of acupuncture for patients with acute, nonpenetrating musculoskeletal injury of the extremities, 280-284  
ESR for the diagnosis of GCA in, 255.e1-255.e3  
expedited admission of critically ill patients to ICU from, effect on duration of mechanical ventilation and hospital length of stay, 843-846  
factors influencing acceptance of influenza vaccination given in, 1027-1033  
HIV testing in United States, 1993-2004, 868-874

- impact of practical guidelines for the request of chest and abdominal X-ray in nontraumatic pathologic conditions at the, 76–83
- lack of association between LBBB and acute MI in symptomatic patients, 916–921
- lung ultrasound for diagnosis of pneumonia in, 379–384
- need for confirmatory x-rays after percutaneous feeding tube replacement in, 519–524
- observation in, *versus* hospitalization, on outcome of mad honey poisoning, 424–427
- octreotide vs. prochlorperazine for the treatment of migraine headache, 160–167
- patient estimation of blood loss in, 709–711
- physicians' and nurses' choice of closure method for facial laceration (letter), 1159–1160
- prediction of attendances and rostering using time demand analysis and system status management, 16–22
- (letter), 362–363
- predictors of difficult intubation in, 905–910
- presentation of 6-mercaptopurine overdose in, 513.e1–513.e2
- prognostic significance of BNP in patients with SIRS or sepsis, 701–706
- prolonged stay in, effect on outcome in patients with necrotizing fasciitis, 385–390
- radiographic signs of pneumoperitoneum at, 320–327
- rate of STI in patients with vaginal bleeding, 563–569
- relationship between alcohol consumption and severity of injury in trauma patients, 956–960
- relationship between physician risk-taking behavior and imaging use in patients with abdominal pain, 552–557
- resident productivity as a function of volume and shift length in, 313–319
- role in prevention of repeat falls in elderly patients, 303–307
- ruptured interstitial pregnancy diagnosed by emergency ultrasonography in, 1170.e1–1170.e2
- social support among adults seeking care for acute respiratory tract infections in, 582–587
- spontaneous or primary aortoduodenal fistula presenting with upper gastrointestinal bleeding in, 1169.e1–1169.e2
- sunitinib-induced myxedema coma in a patient with severe hypothermia, 370.e1–370.e3
- thoracic impedance *versus* chest radiograph to diagnose acute pulmonary edema in, 770–775
- toxic chemical effects presenting in (letter), 1149–1154
- ultrasonographic diagnosis of superficial temporal artery pseudoaneurysm in, 627.e1–627.e3
- urine culture *versus* urinalysis for evaluation of UTI in febrile infants presenting to, 930–932
- use of military beneficiaries, 1104–1108
- validation of self-reported COPD among patients in, 191–196
- visits
- for asthma in Japan, relationship of air pollution and weather conditions to, 153–159
  - for chest pain, relation to air pollution, 165–168
  - for cutaneous abscesses, national epidemiology of, 289–292
- visit volume and quality of care in acute exacerbations of COPD, 1040–1049
- worsening of on-call coverage in California, 785–791
- xanthogranulomatous pyelonephritis presentation in, 1175.e1–1175.e3
- Emergency department technicians (EDT), ultrasound-guidance vs. standard technique in patients with difficult vascular access, 135–140
- Emergency medical services
- influence of prearrest shock and respiratory insufficiency on outcome in patients with out-of-hospital cardiac arrest witnessed by, 440–448
  - use by stroke patients, 141–145
- Emergency medicine (EM)
- expert consensus on treatment strategies in non-ST-segment elevation ACS in patients undergoing PCI, 720–728
  - of specific injuries associated with nuclear terrorism (letter), 1148–1149
  - workforce in, current status in the United States, 691–700
- Emergency physicians
- anterior tibial artery pseudoaneurysm detected by bedside ultrasound, 129.e3–129.e4
  - awareness for the need of hyperthyroidism screening in patient with acute ascending paralysis, 371.e1–371.e3
  - body surface mapping *versus* 12-lead ECG for evaluation of ACS symptoms using real-time interpretation by, 816–822
  - diagnostic and therapeutic implications of RBBB in ACS for, 1130–1141
  - role in prevention of repeat falls in elderly patients, 303–307
  - treatment of skin and soft tissue infections in community-acquired methicillin-resistant *Staphylococcus aureus*, 68–70
  - use of  $\alpha$ -blockade for the treatment of ureteral stones, 776–778
- Encephalopathy, delayed, at the early phase of carbon monoxide poisoning, interleukin 6 in cerebrospinal fluid as predictive marker of, 992–996
- Endocarditis, infective, splenic infarction and abscess complicating, 1021.e3–1021.e5
- Endoscopy, emergency, for upper gastrointestinal bleeding in patients with coronary artery disease, 802–809
- Endotracheal intubation, prehospital, controversy on, 1142–1147
- Endotracheal tube cuff
- assessment of pressures in patients intubated before transport, 980–982
  - ethics, equipoise, and evidence (editorial), 983–985
- Endovascular treatment, of gastrointestinal bleeding caused by a secondary aortoenteric fistula, 374.e3–374.e5
- End-tidal carbon dioxide, measured by capnography, in nonintubated patients with respiratory distress, 1056–1059
- Enoxaparin, thrombocytopenia induced by, systemic bleeding in, 756.e1–756.e2
- Envenomation
- copperhead, onset shock, respiratory failure, and coagulopathy after, 377.e1–377.e5
  - Latrodectus mactans*, priapism associated with, 759.e1–759.e2
- Environmental exposure, to chlorine gas, acute health effects after train derailment, 1–7
- Enzyme-assisted subcutaneous infusion, rapid vascular glucose uptake via, 1072–1080
- Epidural hematoma
- cervical, after chiropractic spinal manipulation, 1023.e1–1023.e2
  - spinal
    - spontaneous, presenting with quadriplegia after sit-ups exercise, 1170.e3–1170.e7
    - after stretch exercise, 902.e1–902.e2
    - spontaneous, of the thoracic spine, 628.e5–628.e6
- Epigastric pain, as late mechanical complication after vertical banded gastroplasty, 633.e5–633.e7
- Epinephrine, in combination with atenolol and levosimendan, in treatment of experimental cardiac arrest, 651–659
- Erythrocyte sedimentation rate (ESR), for the diagnosis of GCA in ED, 255.e1–255.e3
- Esophageal temperature, *versus* jugular bulb temperature, during head and neck cooling after cardiac arrest, 460–465
- Ethylene glycol, poisoning, diagnosed by false elevation of blood lactate, 132.e1–132.e2
- Exercise
- rhabdomyolysis induced by, outcomes in prisoners (letter), 115–116
  - sit-ups, spontaneous spinal epidural hematoma presenting with quadriplegia after, 1170.e3–1170.e7
  - stretch, spinal epidural hematoma after, 902.e1–902.e2
  - yoga, rectus sheath hematoma caused by, 899.e1–899.e2
- Exercise stress test, for management of low-risk patients with chest pain, 889–892
- Exhaustion, effect of prolonged exposure of TASER CEWs on markers of acidosis in humans, 413–418
- (letter), 747–749
- Extended Focused Assessment with Sonography in Trauma (eFAST), as diagnostic tool for traumatic appendicitis, 632.e5–632.e7
- Extrapontine myelinolysis, presenting as generalized tonic seizures, after correction of hyponatremia (letter), 243
- EZ-IO–powered drill device, tibial *versus* humeral intraosseous access using, 8–15
- Facial laceration, physicians' and nurses' choice of closure method in ED (letter), 1159–1160
- Facial trauma, severe, and difficult neck anatomy, emergency cricothyroidotomy in a patient with, 133.e1–133.e4
- (letter), 504–506
- Fasciitis, lethal necrotizing streptococcal, after minor contusion injury in a child, 1017.e3–1017.e5
- Feeding tube replacement, percutaneous, in ED, need for confirmatory x-rays after, 519–524
- Femoral artery embolism, simultaneous bilateral, presenting with acute paraplegia, 753.e3–753.e4
- Fentanyl, heroin laced with, overdose of, in unexpected places (letter), 237–239
- Fever, and abdominal pain, following drainage of peritonsillar abscess, 515.e3–515.e5
- Fibrinolysis, *versus* primary angioplasty, in STEMI, PCI–related time delay, patient's risk profile and survival benefits of, 712–719
- Fibrinolytics, ischemic stroke after administration of, in a patient with a ventricular pseudoaneurysm, 1176.e5–1176.e7
- Fibrinolytic therapy, in pulmonary embolism, 84–95
- Finger
- edematous, an alternative method for entrapped ring removal from (letter), 1165–1166
  - index, middle and ring, dislocation of the carpal-metacarpal joints of, 630.e1–630.e2
- Fist, external blood loss estimation using, 1085–1090
- Flecainide, overdose of, causing Brugada-type pattern on ECG in a previously well patient, 375.e1–375.e3
- (letter), 1013–1015
- Flexeril (cyclobenzaprine), serotonin syndrome induced by (letter), 509–510
- Flurbiprofen, oral, myocarditis due to use of, 132.e3–132.e5

- Food and Drug Administration (FDA), citizen's petition to ban cornstarch powder on medical gloves, 227-235
- Fourier's gangrene, associated with purple urine bag syndrome (letter), 895-897
- Fracture  
pelvic, stability evaluation of, and need for angioembolization, 792-796  
of rib, emergency bedside ultrasound for diagnosis of, 617-620
- Gallbladder perforation, in acute cholecystitis, segmented neutrophil and CT for diagnosis of, 574-581
- Gastric bypass, elevated lipase levels in diagnosis of small bowel obstruction after, 1167.e5-1167.e7
- Gastrointestinal bleeding  
caused by a secondary aortoenteric fistula, endovascular treatment of, 374.e3-374.e5  
spontaneous or primary aortoduodenal fistula presenting with, in the ED, 1169.e1-1169.e2  
upper, in patients with coronary artery disease, emergency endoscopy for, 802-809
- Gastroplasty, vertical banded, epigastric pain as late mechanical complication after, 633.e5-633.e7
- Genital injury, patterns in postmenopausal victims of sexual assault, 922-929
- Geriatric patients  
with ACS, prediction of myocardial infarction risk, 675-682  
CTI for identifying risk factors for recurrent falls in, 23-36  
early recognition of myxedematous respiratory failure in, 212-215  
role of ED staff in prevention of repeat falls in, 303-307
- Giant cell temporal arteritis (GCA), ESR for the diagnosis of, in ED, 255.e1-255.e3
- Globe injuries, open, prognostic indicators of visual outcome in children, 530-535
- Glottic web, a reason for difficult intubation, 368.e3-368.e4
- Gloves, medical, citizen's petition to FDA to ban cornstarch powder on, 227-235
- Glucose uptake, vascular, via enzyme-assisted subcutaneous infusion, 1072-1080
- Glycoprotein IIb/IIIa inhibitors, facilitated angioplasty with combined thrombolytic therapy and, in patients with STEMI, 683-690
- Graves disease, acute chorea as a presentation of, 369.e1-369.e3
- Guillain-Barre syndrome, unusual association between cerebral vein thrombosis and, 758.e3-758.e4
- Gum elastic bougie, comparison of different brands of, 266-270
- Hair apposition technique, modified, as primary closure method for scalp lacerations, 1050-1055
- Haloperidol, neuroleptic malignant syndrome induced by, complicated by hyperosmolar hyperglycemic state, 1018.e1-1018.e3
- Headache  
associations between air pollution and ED visits for, in Edmonton, Canada, 391-396  
cluster-like, as an opening symptom of cervical spinal epidural abscess, 370.e5-370.e6  
isolated, spontaneous bilateral carotid artery dissection presenting with, 754.e1-754.e3  
use of CT in patients with, 333-336
- Head injury, interhemispheric lipoma masquerading as pneumocranium in a patient with, 516.e1-516.e3
- Health status, as predictor of postconcussion syndrome after minor injury, 182-190
- Heart dislocation, partial, traumatic pericardial rupture with, transdiaphragmatic heart repositioning in the setting of emergency laparotomy after, 1024.e1-1024.e2
- Heart failure, non-high-risk, cost-effectiveness analysis of ED decision making in patients with, 293-302
- Heart repositioning, transdiaphragmatic, in the setting of emergency laparotomy, after traumatic pericardial rupture with partial heart dislocation, 1024.e1-1024.e2
- Heat injury, urine dipstick test for blood in detection of rhabdomyolysis in, 875-877
- Heat stroke  
bacterial translocation in, 1168.e1-1168.e2  
Brugada ECG pattern associated with, 634.e1-634.e3  
fatal exertional, successful treatment with cold hemofiltration, 751.e1-751.e2
- Hemodialysis  
calcium-free, successful treatment of hypercalcemic crisis with, 1174.e1-1174.e3  
hepatic portal venous gas induced by emphysematous pyelonephritis in a patient on, 1171.e1-1171.e3  
lidocaine, phenylephrine, and, for treatment of cardiovascular collapse from caffeine overdose, 253.e3-253.e6
- Hemodynamics  
instability, profuse bleeding leading to, controlled by tandem oral, rectal, and nasal administrations of ABS, 631.e1-631.e2  
after intraosseous administration of hydroxocobalamin or normal saline in a goat model, 1065-1071
- Hemofiltration, cold, fatal exertional heat stroke successfully treated with, 751.e1-751.e2
- Hemoptysis, massive, and acute respiratory failure, pheochromocytoma presenting as, 626.e3-626.e4
- Hemorrhage  
from blunt liver trauma, multipolar radiofrequency ablation for control of, 197-201  
intracerebral, critical care literature 2008, 1000-1009  
subarachnoid, CT for diagnosis of cerebral venous thrombosis presenting with, 96-106
- Hemothorax, non-traumatic, caused by Bochdalek diaphragmatic hernia masquerading as pneumonia, 252.e1-252.e2
- Hepatic portal venous gas, induced by emphysematous pyelonephritis, in a hemodialytic patient, 1171.e1-1171.e3
- Hepcidin, liver expression in acute iron intoxication, 761-764
- Herbal medicines  
in acute care medicine (editorial), 113-114  
as future possibilities for the treatment of septic shock, 107-112
- Herceptin. *see* Trastuzumab
- Hernia  
Bochdalek diaphragmatic, masquerading as pneumonia, causing non-traumatic hemothorax, 252.e1-252.e2  
incarcerated paraesophageal, surgical emergency due to, 134.e1-134.e3
- Heroin, fentanyl-laced, overdose of, in unexpected places (letter), 237-239
- Hoarseness, as first manifestation of aortotracheal fistula, 1019.e1-1019.e3
- Horse riding, bilateral peroneal compartment syndrome after, 901.e3-901.e5
- Hospital admission  
and length of stay, due to VOC in children with SCD, 797-801  
seasonal and weekly patterns of, for nonfatal and fatal MI, 1097-1103
- Hospitalization  
versus ED observation, on outcome of mad honey poisoning, 424-427
- Human immunodeficiency virus (HIV)  
antibiotic resistance in *Staphylococcus aureus*-containing cutaneous abscesses of patients with, 344-347  
testing, in United States EDs, 1993-2004, 868-874
- Hydrochloric acid, ingestion of, with ECG change, survival after (erratum), 126
- Hydroxocobalamin, hemodynamics after intraosseous administration of, in a goat model, 1065-1071
- 5-Hydroxyindoleacetic acid (5-HIAA), urine levels, role in the early diagnosis of acute appendicitis, 409-412
- Hyperbaric oxygen therapy, tension pneumocephalus as a rare complication after, 257.e1-257.e3
- Hypercalcemia  
crisis, successful treatment with prompt calcium-free hemodialysis, 1174.e1-1174.e3  
tuberculosis associated with IRIS characterized by, 629.e1-629.e3
- Hyperchloremia, spurious, ataxia associated with, 752.e1-752.e3
- Hyperfibrinogenolysis, induced by a wasp sting anaphylaxis, 1176.e1-1176.e3
- Hyperglycemia  
acute ischemic stroke, and MI, triggered by acute chlorine gas inhalation, 1022.e1-1022.e4  
critical care literature 2008, 1000-1009  
hyperosmolar, haloperidol-induced neuroleptic malignant syndrome complicated by, 1018.e1-1018.e3  
wheeze associated with, 368.e1-368.e2
- Hyperosmolar hyperglycemic state, haloperidol-induced neuroleptic malignant syndrome complicated by, 1018.e1-1018.e3
- Hypersensitivity coronary syndrome. *see* Kounis syndrome
- Hypersensitivity myocarditis. *see* Myocarditis, hypersensitivity
- Hypertension, pulmonary, in a patient with Schmidt syndrome, 1025.e1-1025.e2
- Hyperthyroidism  
Basedow's paraplegia and pancytopenia as rare presentations of, 258.e1-258.e2  
screening in patient with acute ascending paralysis, awareness in emergency physicians for the need of, 371.e1-371.e3
- Hypertonic fluid, versus isotonic fluid, during resuscitation of severely burned patients, 1091-1096
- Hypoglycemia, induced by repaglinide, successful treatment with octreotide, 756.e3-756.e4
- Hyponatremia, extrapontine myelinolysis presenting as generalized tonic seizures after correction of (letter), 243
- Hypothermia  
severe, sunitinib-induced myxedema coma in a patient presented to the ED with, 370.e1-370.e3  
therapeutic  
after cardiac arrest, comparison of jugular bulb temperature and esophageal temperature during, 460-465

- immediate prehospital protocol, in comatose survivors of out-of-hospital cardiac arrest, 570-573
- for resuscitation of a patient in asystole after TASER injury, 515.e1-515.e2
- Hypovolemic shock, recurrent episodes of, in SCLS, 755.e5-755.e7
- Idiopathic systemic capillary leak syndrome (SCLS), recurrent episodes of abdominal pain and hypovolemic shock in, 755.e5-755.e7
- Imaging, association between physician risk-taking behavior and use of, in ED patients with abdominal pain, 552-557
- Imidacloprid poisoning
- acute, severe central nervous system depression in a patient with, 1171.e5-1171.e7
- respiratory arrest due to, 256.e5-256.e6
- Immune reconstitution inflammatory syndrome (IRIS)
- role in tuberculous pyomyositis, 251.e1-251.e2
- tuberculosis associated with, characterized by hypercalcemia, 629.e1-629.e3
- Immunochromatographic test, qualitative, bedside, diagnostic accuracy for acute MI (letter), 116-117
- Infant. *see* Pediatrics
- Infection, skin and soft tissue, in community-acquired methicillin-resistant *Staphylococcus aureus* era, emergency physicians' treatment of, 68-70
- Infectious Diseases Society of America/ American Thoracic Society (IDSA/ATS) criteria, to predict severe community-acquired pneumonia caused by *Streptococcus pneumoniae*, validation of, 968-974
- Infective endocarditis, splenic infarction and abscess complicating, 1021.e3-1021.e5
- Inferior vena cava (IVC), diameter, for identification of CHF, 71-75
- Influenza vaccination, in ED
- effective program (letter), 1154-1157
- factors influencing acceptance of, 1027-1033
- Infusion rate, of metoclopramide, incidence of acute akathisia in relation to, 475-480
- Ingestion, of hydrochloric acid, with ECG change, survival after (erratum), 126
- Inhalation, of chlorine gas, MI, acute ischemic stroke, and hyperglycemia triggered by, 1022.e1-1022.e4
- Injury
- acute nonpenetrating musculoskeletal, of extremities, efficacy and feasibility of acupuncture for ED patients with, 280-284
- associated with nuclear terrorism, clues for EM of (letter), 1148-1149
- chest, pulmonary edema induced by, in an infant (letter), 1160
- of liver and spleen, after use of a mechanical CPR device, 1017.e1-1017.e2
- minor, health status as predictor of postconcussion syndrome after, 182-190
- minor contusion, lethal streptococcal fasciitis after, in a child, 1017.e3-1017.e5
- severity of, relationship between alcohol consumption and, in ED trauma patients, 956-960
- Intensive care unit (ICU), expedited admission of critically ill patients from ED to, effect on duration of mechanical ventilation and hospital length of stay, 843-846
- Interhemispheric lipoma, masquerading as pneumococcal, in a patient with head injury, 516.e1-516.e3
- Interleukin 6, in cerebrospinal fluid, as predictive marker of delayed encephalopathy at the early phase of carbon monoxide poisoning, 992-996
- Internal jugular vein. *see* Jugular vein, internal
- Intimate partner violence (IPV), adult perpetrators *versus* nonperpetrators as child witnesses of, 641-650
- Intoxication
- acute, with iron, liver expression of hepcidin in, 761-764
- alcohol, first-order alcohol elimination in an adolescent, 128.e5-128.e6
- amantadine, obstructive acute renal failure related to, 371.e5-371.e7
- chemicals, presenting in the ED (letter), 1149-1154
- dipropylene glycol, renal failure caused by (letter), 122-123
- salicylate, delayed, with undetectable initial levels after large-dose aspirin ingestion, 1173.e1-1173.e3
- with *Solanum erianthum*, mimicking an acute cerebrovascular disease, 249.e1-249.e2
- tramadol, multiply organ dysfunction syndrome due to, 903.e5-903.e7
- tricyclic antidepressant, treated with massive sodium bicarbonate, 1168.e3-1168.e7
- with valproic acid
- imitating brain death, 1177.e5-1177.e6
- that was unrecognized, 250.e1-250.e2
- Intracerebral hemorrhage, critical care literature 2008, 1000-1009
- Intramuscular injection, efficacy of ShotBlocker in reducing pediatric pain associated with, 536-543
- Intraosseous access, tibial *versus* humeral, using EZ-IO-powered drill device, 8-15
- Intraosseous administration, of hydroxocobalamin or normal saline, hemodynamics after, 1065-1071
- Intraventricular conduction delay (IVCD), ECG algorithm for rapid detection and diagnosis, 492-502
- Intubation
- difficulty
- in the ED, predictors of, 905-910
- glottic web a reason for, 368.e3-368.e4
- with direct laryngoscopy *vs.* handheld videoscope, in uncomplicated manikin airways, 259-261
- oro-tracheal, uvular necrosis after, 631.e3-631.e4
- before transport, endotracheal tube cuff pressures, 980-982
- ethics, equipoise, and evidence (editorial), 983-985
- Iron, acute intoxication with, liver expression of hepcidin in, 761-764
- Iron deficiency anemia, due to chronic uterine bleeding, severe lactic acidosis as a result of, 377.e7-377.e9
- Ischemia-modified albumin (IMA)
- in diagnosis of acute mesenteric ischemia (letter), 239-240
- for pulmonary embolism diagnosis, 635-640
- Ischemic colitis, induced by marathon running, 255.e5-255.e7
- Ischemic stroke
- acute
- critical care literature 2008, 1000-1009
- MI, and hyperglycemia, triggered by acute chlorine gas inhalation, 1022.e1-1022.e4
- after administration of fibrinolytics, in a patient with a ventricular pseudoaneurysm, 1176.e5-1176.e7
- influence of major risk factors on weekly pattern of onset of (letter), 244-246
- Isotonic fluid, *versus* hypertonic fluid, during resuscitation of severely burned patients, 1091-1096
- Jaundice, painless, incidental finding of portal vein thrombosis secondary to protein C deficiency in (erratum), 126
- Jejunal perforation, after thoracic trauma, late presentation of, 1177.e1-1177.e3
- Jugular bulb temperature, *versus* esophageal temperature, during head and neck cooling after cardiac arrest, 460-465
- Jugular vein, internal
- bedside ultrasonography of, correlation with central venous pressure, 851-855
- ultrasound validation of maneuvers to increase cross-sectional area and decrease compressibility of, during simulated venipuncture, 454-459
- Kayexalate. *see* Sodium polystyrene sulfate
- Ketamine, adverse events associated with, for procedural sedation in adults (erratum), 512
- Ketoacidosis, diabetic, and normokalemia, acute inferior pseudoinfarction pattern in a patient with, 251.e3-251.e5
- Kidney rupture, primary obstructive megaureter with, 133.e5-133.e6
- Klebsiella pneumoniae* septicemia, due to bacterial translocation, acute appendicitis presenting with, 1023.e3-1023.e4
- Kounis syndrome, and hypersensitivity myocarditis (letter), 506-508
- Laceration
- of face, physicians' and nurses' choice of closure method in ED (letter), 1159-1160
- of scalp, modified hair apposition technique as primary closure method for, 1050-1055
- $\beta$ -Lactam antibiotics, *versus* CAMRSA antibiotics, for treatment of cellulitis in pre- and post-CAMRSA eras, 436-439
- Lactate, blood, false elevation of, in diagnosis of ethylene glycol poisoning, 132.e1-132.e2
- Lactic acidosis, as a result of iron deficiency anemia due to chronic uterine bleeding, 377.e7-377.e9
- Laparotomy, emergency, transdiaphragmatic heart repositioning in the setting of, after traumatic pericardial rupture with partial heart dislocation, 1024.e1-1024.e2
- Laryngoscopy
- direct, *vs.* handheld videoscope, faster intubation in uncomplicated manikin airways, 259-261
- Macintosh, *versus* Rusch ViewMax, for vocal cord visualization in human cadavers, 864-867
- Latrodectus mactans*, envenomation, priapism associated with, 759.e1-759.e2
- Left bundle-branch block (LBBB)
- complete, trastuzumab-associated cardiomyopathy presenting as new onset of, mimicking ACS, 903.e1-903.e3
- lack of association between acute MI and, in symptomatic ED patients, 916-921
- Left ventricular filling pressure, increased, bedside prediction using acoustic ECG, 397-408
- Left ventricular outflow tract obstruction, and cardiogenic shock treated with  $\beta$ -blockers, 373.e1-373.e3
- Left ventricular systolic function, preserved or impaired, effect of CPAP in acute cardiogenic pulmonary edema with, 986-991



- Lemierre syndrome, following drainage of peritonsillar abscess, 515.e3-515.e5
- Length of stay, in hospital  
     due to VOC in children with SCD, 797-801  
     effect of expedited admission of critically ill patients requiring mechanical ventilation from ED to ICU on, 843-846
- Levalbuterol, misconceptions in the treatment of acute asthma exacerbations in children (letter), 117-119
- Levosimendan, in combination with epinephrine and atenolol, in treatment of experimental cardiac arrest, 651-659
- Lidocaine, phenylephrine, and hemodialysis, for treatment of cardiovascular collapse from caffeine overdose, 253.e3-253.e6
- Lipoma, interhemispheric, masquerading as pneumocranium, in a patient with head injury, 516.e1-516.e3
- Liu's stain, value in rapid diagnosis of *Plasmodium ovale* infection, 759.e3-759.e5
- Liver  
     expression of hepcidin in acute iron intoxication, 761-764  
     failure, and portal vein thrombus, in a patient with pheochromocytoma crisis, 630.e3-630.e5  
     rupture, after use of a mechanical CPR device, 1017.e1-1017.e2  
     trauma, blunt, multipolar radiofrequency ablation to control hemorrhage from, 197-201
- Loin pain, acute, considerations in the diagnosis and therapy for, 254.e3-254.e4
- Long QT syndrome, and torsades de pointes, induced by acute sulpiride poisoning, 1016.e1-1016.e3
- Lumbar puncture, gross xanthochromia on, without acute subarachnoid hemorrhage, 621-623
- Lung injury, juvenile, transient high-density area on CT in, 249.e3-249.e4
- Lung ultrasonography  
     acute chest syndrome diagnosed by, 516.e5-516.e6  
     for diagnosis of pneumonia in the ED, 379-384
- Lupus erythematosus, systemic, AIDP as initial presentation of, 900.e3-900.e5
- Macintosh laryngoscopy, versus Rusch ViewMax, for vocal cord visualization in human cadavers, 864-867
- Macular degeneration, age-related, exudative and acute subretinal hemorrhage, role of bedside ocular ultrasound in ED diagnosis and management of, 369.e5-369.e7
- Mad honey, poisoning with, patterns of monitoring and treatment, 424-427
- Magnesium sulfate, monkshood (aconite napel) poisoning successfully treated with, 755.e1-755.e4
- Magnetic resonance imaging (MRI), and CT, preauthorization program, effect on ED utilization, 328-332
- Mallory-Weiss syndrome, diagnosis in the ED (letter), 1010-1015
- Manikin airways, uncomplicated, faster intubation with direct laryngoscopy vs. handheld videoscope in, 259-261
- MAR method, external blood loss estimation using, 1085-1090
- Measles pneumonitis, ultrasonographic detection of radio-occult interstitial lung involvement in, 128.e1-128.e3
- Mechanical ventilation, see Ventilation, mechanical
- Medicinal plant extract, profuse bleeding leading to hemodynamic instability controlled by tandem oral, rectal, and nasal administrations of, 631.e1-631.e2
- Megaureter, primary obstructive, with ruptured kidney, 133.e5-133.e6
- Meningitis, pneumococcal, presenting with indolent features in young infants, 1173.e5-1173.e7
- Meningoencephalitis, bacterial, pituitary adenoma with apoplexy mimicking, 517.e1-517.e4
- 6-Mercaptopurine, overdose of, presentation in ED, 513.e1-513.e2
- Mesenteric ischemia, acute  
     diagnostic value of D-dimer in, 975-979  
     IMA in the diagnosis of (letter), 239-240
- Mesenteric pseudocyst, posttraumatic, midgut volvulus as a delayed consequence of, 1025.e3-1025.e6
- Metallic stents, for severe upper airway compression due to aortic aneurysm, 256.e1-256.e4
- Methicillin-resistant *Staphylococcus aureus* (MRSA), emergency physicians' treatment of skin and soft tissue infections in era of, 68-70
- Methylphenidate, and amphetamine, accidental pediatric ingestions of, outcomes after, 933-934
- Metoclopramide, incidence of acute akathisia in relation to infusion rate of, 475-480
- Midgut volvulus, as a delayed consequence of posttraumatic mesenteric pseudocyst, 1025.e3-1025.e6
- Migraine  
     associations between air pollution and ED visits for, in Edmonton, Canada, 391-396  
     headache, octreotide vs. prochlorperazine ED treatment for, 160-164
- Military beneficiaries, ED use of, 1104-1108
- Monkshood (aconite napel), poisoning with, successful treatment with magnesium sulfate, 755.e1-755.e4
- Mortality  
     based on ECG in patients with MI in the troponin era, 146-152  
     efficacy of low-dose antivenom therapy on, in snakebite cases (letter), 247-248
- Motor vehicle accidents  
     ACS as an unusual presentation of bilateral coronary dissection after, 1024.e3-1024.e5  
     traumatic vertebral artery dissection presenting with Wallenberg syndrome after, 131.e1-131.e3
- Movement disorder, caused by abuse of veterinary anesthesia containing tiletamine, 1022.e5-1022.e6
- Multiply organ dysfunction syndrome, due to tramadol intoxication, 903.e5-903.e7
- Musculoskeletal injury, of extremities, acute nonpenetrating, efficacy and feasibility of acupuncture for ED patients with, 280-284
- Myasthenia gravis, positive for MuSK antibody, 754.e5-754.e6
- Myelinolysis, extrapontine, presenting as generalized tonic seizures, after correction of hyponatremia (letter), 243
- Myocardial contusion, induced RBBB with ST elevation and troponin elevation, 375.e5-375.e7
- Myocardial infarction (MI)  
     acute  
         bone pain as an atypical early manifestation of (letter), 894-895  
         with cardiogenic shock, in a patient with acute aortic dissection, 899.e3-899.e6  
         diagnostic accuracy of bedside qualitative immunochromatographic test for (letter), 116-117  
         lack of association between LBBB and, in symptomatic ED patients, 916-921  
         multiple pulmonary arteriovenous malformations presenting as, 1020.e5-1020.e7  
         ruptured pheochromocytoma presenting as, 1018.e5-1018.e6  
         acute ischemic stroke, and hyperglycemia, triggered by acute chlorine gas inhalation, 1022.e1-1022.e4  
         mortality based on ECG in the troponin era, 146-152  
         nonfatal and fatal, seasonal and weekly patterns of hospital admissions for, 1097-1103  
         risk prediction in older patients with ACS, 675-682  
         ST-segment elevation, see ST-segment elevation myocardial infarction  
     Myocarditis  
         acute, clinical profiles of pediatric patients before diagnosis, 942-947  
         due to use of oral flurbiprofen, 132.e3-132.e5  
         hypersensitivity, and Kounis syndrome (letter), 506-508  
         Myositis, viral, progressing to rhabdomyolysis, 372.e5-372.e6  
     Myxedema coma  
         severe angioedema in, difficult airway in, 1021.e1-1021.e2  
         sunitinib-induced, in a patient presented to the ED with severe hypothermia, 370.e1-370.e3
- Nasopharyngeal airway placement, middle turbinectomy as complication of, 513.e3-513.e4
- Neck anatomy, difficult, and severe facial trauma, emergency cricothyroidotomy in a patient with, 133.e1-133.e4  
     (letter), 504-506
- Necrotizing fasciitis  
     effect of prolonged ED stay on outcome, 385-390  
     lethal streptococcal, after minor contusion injury in a child, 1017.e3-1017.e5
- Neostigmine, for treatment of ACPO, 757.e1-757.e4
- Neuroleptic malignant syndrome, induced by haloperidol, complicated by hyperosmolar hyperglycemic state, 1018.e1-1018.e3
- Neuron-specific enolase, and S100B protein, elevated serum levels in carbon monoxide poisoning, 838-842
- Neutrophil, segmented, for diagnosis of gallbladder perforation in acute cholecystitis, 574-581
- Normokalemia, and diabetic ketoacidosis, acute inferior pseudoinfarction pattern in a patient with, 251.e3-251.e5
- Nuclear terrorism, clues for emergency medicine of specific injuries (letter), 1148-1149
- Nurses, triage, additive accuracy of the Triage Stroke Panel to, for diagnosis of acute stroke, 558-562
- Occlusion, simultaneous, of 2 coronary arteries, causing cardiogenic shock, 1175.e5-1175.e7
- Occupational/organizational commitment, paramedic's, relationship with levels of education and type of employment, 830-837
- Octreotide  
     repaglinide-induced hypoglycemia successfully treated with, 756.e3-756.e4



- vs. prochlorperazine, for treatment of migraine headache in the ED, 160-164
- Oculomotor palsy, due to primitive trigeminal artery, relation between blood pressure control and symptomatic improvement of, 634.e5-634.e7
- Ogilvie's syndrome. *see* Acute colonic pseudo-obstruction
- Older patients. *see* Geriatric patients
- On-call coverage, in California ED, worsening of, 785-791
- Organophosphate poisoning  
acute, in rats, effects of atropine and pralidoxime on cardiac damage in, 169-175  
prognostic value of serial serum cholinesterase activities in, 1034-1039
- Organophosphorus poisoning, profile of, 628.e1-628.e3
- Orotracheal intubation, uvular necrosis after, 631.e3-631.e4
- Outcomes  
after exercise-induced rhabdomyolysis in prisoners (letter), 115-116  
of frequent chest pain unit users of, 660-667  
neurological, influence of early administration of selenium after cardiac arrest, 176-181  
of out-of-hospital cardiopulmonary arrest, investigate the laboratory findings in predicting the, 308-312
- Out-of-hospital  
cardiac arrest  
immediate prehospital hypothermia protocol in comatose survivors of, 570-573  
witnessed by emergency medical service, influence of prearrest shock and respiratory insufficiency on outcome of, 440-448  
cardiopulmonary arrest, investigate the laboratory findings in predicting the outcome of, 308-312  
influence of CPR time before first defibrillation on outcome of VF patients, 470-474
- Outpatient. *see* Out-of-hospital
- Ovarian cyst torsion, in a toddler, 632.e1-632.e3
- Ovarian hyperstimulation syndrome, as complication of ovulation induction, 250.e3-250.e4
- Overdose, of caffeine, cardiovascular collapse from, lidocaine, phenylephrine, and hemodialysis for treatment of, 253.e3-253.e6
- Ovulation induction, ovarian hyperstimulation syndrome as complication of, 250.e3-250.e4
- Pain. *see also* specific type or site; specific type or site  
associated with intramuscular injections in children, efficacy of ShotBlocker for, 536-543  
paramedic management of, in prehospital setting, impact of patient sex on, 525-529
- Palsy, oculomotor, due to primitive trigeminal artery, relation between blood pressure control and symptomatic improvement of, 634.e5-634.e7
- Pancytopenia, and Basedow's paraplegia, as rare presentations of hyperthyroidism, 258.e1-258.e2
- Papilledema, and increased intracranial pressure in pseudotumor cerebri, ultrasound in diagnosis of, 376.e1-376.e2
- Paraesophageal hernia, incarcerated, surgical emergency due to, 134.e1-134.e3
- Paralysis, acute ascending, awareness in emergency physicians for the need of hyperthyroidism screening in patient with, 371.e1-371.e3
- Paramedics  
impact of patient sex on pain management in prehospital setting, 525-529  
relationship between degree of occupational/ organizational commitment and levels of education and type of employment, 830-837
- Paraplegia, acute, simultaneous bilateral femoral artery emboli presenting with, 753.e3-753.e4
- Parasitosis, delusions of, 997-999
- Paroxysmal supraventricular tachycardia (PSVT), adenosine-induced cardiopulmonary arrest in a patient with, 901.e1-901.e2
- Patient transport  
endotracheal tube cuff pressures in patients intubated before, 980-982  
ethics, equipoise, and evidence (editorial), 983-985
- Pediatrics  
addition of body habitus to length for weight estimation, 810-815  
admission and length of stay due to VOC in SCD, 797-801  
clinical profiles of patients with acute myocarditis and dilated cardiomyopathy before diagnosis, 942-947  
efficacy of ShotBlocker in reducing pain associated with intramuscular injections, 536-543  
lethal streptococcal fasciitis after minor contusion injury, 1017.e3-1017.e5  
misconceptions regarding levalbuterol in the treatment of acute asthma exacerbations (letter), 117-119  
outcomes after accidental ingestions of amphetamine and methylphenidate, 933-934  
ovarian cyst torsion in a toddler, 632.e1-632.e3  
pneumococcal meningitis presenting with indolent features in young infants, 1173.e5-1173.e7  
prognostic indicators of visual outcome in open globe injuries, 530-535  
pulmonary edema induced by chest injury (letter), 1160  
pulmonary embolism presenting as acute abdomen, 514.e1-514.e5  
surgical urgency in pheochromocytoma (letter), 1161  
transient high-density area on CT in juvenile lung injury, 249.e3-249.e4  
urine culture *versus* urinalysis for evaluation of UTI in febrile infants presenting to ED, 930-932
- Peritonsillar abscess, Lemierre syndrome following drainage of, 515.e3-515.e5
- Pelvic fracture, stability evaluation of, and need for angiobolization, 792-796
- Percutaneous coronary intervention (PCI)  
expert consensus on treatment strategies in non-ST-segment elevation ACS in patients undergoing, 720-728  
hospital availability of, considerations for ACS treatment, 595-606  
-related time delay, patient's risk profile, and survival benefits of primary angioplasty *versus* fibrinolysis in STEMI, 712-719
- Pericardial effusion, with impending tamponade, misdiagnosis of, 216-219 (letter), 624
- Pericardial rupture, traumatic, with partial dislocation of heart, transdiaphragmatic heart repositioning in the setting of emergency laparotomy after, 1024.e1-1024.e2
- Periportal edema, and ascites, CT signs of traumatic cardiac tamponade, 127.e3-127.e4
- Peritonitis, and acute ruptured appendicitis, with pseudomyocardial infarction, 627.e5-627.e8
- Peroneal compartment syndrome, bilateral, after horse riding, 901.e3-901.e5
- Phenprobamate, overdose with, value of plasmapheresis in, 626.e1-626.e2
- Phentermine, cardiac arrest associated with consumption of (letter), 1010-1013
- Phenylephrine, lidocaine, and hemodialysis, for treatment of cardiovascular collapse from caffeine overdose, 253.e3-253.e6
- Pheochromocytoma  
crisis, portal vein thrombus and liver failure in, 630.e3-630.e5  
in pediatric age, surgical urgency in (letter), 1161  
presenting as massive hemoptysis and acute respiratory failure, 626.e3-626.e4  
ruptured, presenting as acute MI, 1018.e5-1018.e6
- Physicians, risk-taking behavior of, association with imaging use, in ED patients with abdominal pain, 552-557
- Physiologic affects, of altitude on recreational climbers, 1081-1084
- Pituitary adenoma, with apoplexy, initial presentation mimicking bacterial meningococcal meningitis, 517.e1-517.e4
- Pituitary apoplexy, with adenoma, initial presentation mimicking bacterial meningococcal meningitis, 517.e1-517.e4
- Plasmapheresis, value in phenprobamate overdose, 626.e1-626.e2
- Plasmodium ovale infection, value of Liu's stain in rapid diagnosis of, 759.e3-759.e5
- Pneumocephalus, tension, as a rare complication after hyperbaric oxygen therapy, 257.e1-257.e3
- Pneumococcal meningitis, presenting with indolent features in young infants, 1173.e5-1173.e7
- Pneumocranium, interhemispheric lipoma masquerading as, in a patient with head injury, 516.e1-516.e3
- Pneumonia  
Bochdalek diaphragmatic hernia masquerading as, causing non-traumatic hemothorax, 252.e1-252.e2  
community-acquired, caused by *Streptococcus pneumoniae*, validation of IDSA/ATS criteria to predict severity of, 968-974  
lung ultrasound for diagnosis of, in the ED, 379-384
- Pneumonitis, measles, ultrasonographic detection of radio-occult interstitial lung involvement in, 128.e1-128.e3
- Pneumoperitoneum, radiographic signs at ED, 320-327
- Pneumorrhachis, in entire subarachnoid space, caused by isolated head trauma, 902.e3-902.e6
- Pneumothorax, spontaneous  
ECG manifestation of, 750.e1-750.e5  
new classification and clinical characteristics of REPE after treatment of, 961-967
- Poisoning  
acute  
mixed organophosphorus, profile of, 628.e1-628.e3  
with sulpiride, causing long QT syndrome and torsades de pointes, 1016.e1-1016.e3  
aluminum phosphide, spontaneous self-ignition in, 752.e5-752.e6  
with carbamate, management in a mass casualties event, 1117-1124  
carbon monoxide  
cerebellar white matter damage due to, 757.e5-757.e7  
elevated serum S100B protein and neuron-specific enolase levels in, 838-842

- interleukin 6 in cerebrospinal fluid as predictive marker of delayed encephalopathy at early phase of, 992-996
- ethylene glycol, diagnosed by false elevation of blood lactate, 132.e1-132.e2
- imidacloprid
- acute, severe central nervous system depression in a patient with, 1171.e5-1171.e7
  - respiratory arrest due to, 256.e5-256.e6
  - with mad honey, patterns of monitoring and treatment, 424-427
  - monkshood (aconite napel), successful treatment with magnesium sulfate, 755.e1-755.e4
- organophosphate
- acute, in rats, effects of atropine and pralidoxime on cardiac damage in, 169-175
  - prognostic value of serial serum cholinesterase activities in, 1034-1039
  - with rodenticide, as a cause of quadriplegia, 625.e1-625.e3
- Portal vein thrombosis
- acute, after blunt abdominal trauma, 372.e1-372.e3
  - and liver failure, in a patient with pheochromocytoma crisis, 630.e3-630.e5
  - secondary to protein C deficiency, incidental finding in painless jaundice (erratum), 126
- Postconcussion syndrome, after minor injury, health status as predictor of, 182-190
- Postintubation care, critical care literature 2008, 1000-1009
- Postmenopausal women, sexual assault in, epidemiology and patterns of genital injury, 922-929
- Practical guidelines, impact for the request of chest and abdominal X-ray in nontraumatic pathologic conditions at the ED, 76-83
- Pralidoxime, and atropine, effects on cardiac damage in acute organophosphate poisoning in rats, 169-175
- Preexcitation syndrome, pathophysiology and 12-lead ECG manifestations of, 878-888
- Pregnancy
- cornual ectopic, thirteen-week, 900.e1-900.e2
  - early, rupture of splenic artery aneurysm during, 898.e5-898.e6
  - precipitous decline of patient with congenital small bowel malrotation during, 629.e5-629.e6
  - ruptured interstitial, diagnosed by emergency ultrasonography in the ED, 1170.e1-1170.e2
- Pregnancy test, urine, false-positive, in a woman with adenomyosis, 1019.e5-1019.e7
- Prehospital care
- controversy on endotracheal intubation, 1142-1147
  - immediate hypothermia protocol in comatose survivors of out-of-hospital cardiac arrest, 570-573
  - impact of patient sex on paramedic pain management, 525-529
  - mechanical ventilation of a critical cardiac tamponade, 1020.e1-1020.e3
- Priapism, associated with *Latrodectus mactans* envenomation, 759.e1-759.e2
- Primitive trigeminal artery, symptomatic improvement of oculomotor palsy due to, relation between blood pressure control and, 634.e5-634.e7
- Procalcitonin test kit, semiquantitative, usefulness as a guideline for starting antibiotic therapy, 859-863
- Prochlorperazine, vs. octreotide, for treatment of migraine headache in the ED, 160-164
- Propylene glycol, renal failure after ingestion of (letter), 122-123
- Protein C deficiency, incidental finding of portal vein thrombosis secondary to, in painless jaundice (erratum), 126
- Proteinuria, status epilepticus confused with eclampsia due to, 625.e5-625.e6
- Pseudoaneurysm
- of the anterior tibial artery, detected by emergency medicine physician performing bedside ultrasound, 129.e3-129.e4
  - subperiosteal traumatic, causing subperiosteal hematoma, 1172.e5-1172.e7
  - of superficial temporal artery, ultrasonographic diagnosis in ED, 627.e1-627.e3
  - ventricular, ischemic stroke after administration of fibrinolytics in a patient with, 1176.e5-1176.e7
- Pseudoinfarction, acute inferior, in a patient with diabetic ketoacidosis and normokalemia, 251.e3-251.e5
- Pseudomyocardial infarction, acute ruptured appendicitis and peritonitis with, 627.e5-627.e8
- Pseudotumor cerebri, and papilledema, ultrasound in diagnosis of, 376.e1-376.e2
- Pulmonary arteriovenous malformation, multiple, presenting as an acute MI, 1020.e5-1020.e7
- Pulmonary artery obstruction index, correlation with elevated cardiac troponin I, in ED patients with pulmonary embolism, 449-453
- Pulmonary contusion, effect on lung sliding during bedside ultrasound (letter), 363-365
- Pulmonary edema
- acute
    - cardiogenic, with preserved or impaired left ventricular systolic function, effect of CPAP in, 986-991
    - thoracic impedance versus chest radiograph for diagnosis of, in the ED, 770-775
    - induced by chest injury in an infant (letter), 1160
    - reexpansion, after treatment of spontaneous pneumothorax, new classification and clinical characteristics of, 961-967
- Pulmonary embolism
- acute, interobserver agreement in the interpretation of CT in, 1109-1111
  - correlation between elevated cardiac troponin I and pulmonary artery obstruction index in ED patients with, 449-453
  - fibrinolytic therapy in, 84-95
  - IMA in the diagnosis of, 635-640
  - presenting as acute abdomen in a child and adult, 514.e1-514.e5
- Pulmonary hypertension, in a patient with Schmidt syndrome, 1025.e1-1025.e2
- Purple urine bag syndrome, Fourier's gangrene associated with (letter), 895-897
- Pyelonephritis
- acute uncomplicated, diagnosis of renal lesion from, in the ED (letter), 1157-1159
  - emphysematous, hepatic portal venous gas induced by, in a hemodialytic patient, 1171.e1-1171.e3
  - xanthogranulomatous, presentation in the ED, 1175.e1-1175.e3
- Pyomyositis
- due to *Streptococcus pneumoniae*, 633.e1-633.e3
  - tuberculous, role of immune reconstitution inflammatory syndrome in, 251.e1-251.e2
- QT syndrome, long, and torsades de pointes, induced by acute sulpiride poisoning, 1016.e1-1016.e3
- Quadriplegia, caused by rodenticide poisoning, 625.e1-625.e3
- Quadriplegia, after sit-ups exercise, spontaneous spinal epidural hematoma presenting with, 1170.e3-1170.e7
- Quality of care, in acute exacerbations of COPD in ED, 1040-1049
- Radiofrequency ablation, multipolar, to control hemorrhage from blunt liver trauma, 197-201
- Radiography
- abdominal and chest, in nontraumatic pathologic conditions at the ED, impact of practical guidelines for the request of, 76-83
  - chest, versus thoracic impedance, to diagnose acute pulmonary edema in the ED, 770-775
  - after percutaneous feeding tube replacement in ED, 519-524
  - of pneumoperitoneum at ED, 320-327
- Rectus sheath hematoma, caused by yoga exercise, 899.e1-899.e2
- Reexpansion pulmonary edema (REPE), after treatment of spontaneous pneumothorax, new classification and clinical characteristics of, 961-967
- Renal colic
- renal infarction misdiagnosed as, 750.e7-750.e9
  - successful treatment with trigger point injection, 252.e3-252.e4
- Renal failure
- acute, obstructive, related to amantadine intoxication, 371.e5-371.e7
  - after ingestion of dipropylene glycol (letter), 122-123
- Renal infarction
- idiopathic, sentinel central retinal artery occlusion a forme fruste of, 253.e1-253.e2
  - misdiagnosed as renal colic, 750.e7-750.e9
- Repaglinide, hypoglycemia induced by, successful treatment with octreotide, 756.e3-756.e4
- Resident productivity, as a function of volume and shift length in ED, 313-319
- Respiratory arrest, due to imidacloprid poisoning, 256.e5-256.e6
- Respiratory distress, capnography monitoring in nonintubated patients with, 1056-1059
- Respiratory failure
- acute, and massive hemoptysis, pheochromocytoma presenting as, 626.e3-626.e4
  - myxedematous, early recognition in the elderly, 212-215
  - onset shock and coagulopathy after copperhead envenomation, 377.e1-377.e5
- Respiratory insufficiency, and shock, prearrest signs of, influence on outcome in patients with emergency medical service-witnessed out-of-hospital cardiac arrest, 440-448
- Respiratory syndrome, severe acute, testing of syndromic surveillance system using a model of, 419-423
- Respiratory tract infections, acute
- nonbacterial, antibiotic prescribing for, 544-551
  - social support among adults seeking care in ED, 582-587
- Resuscitation
- critical care literature 2008, 1000-1009
  - of a patient in asystole after TASER injury using hypothermia protocol, 515.e1-515.e2

- of severely burned patients, isotonic *versus* hypertonic fluids during, 1091–1096
- Retinal artery occlusion, central, a forme fruste of idiopathic renal infarction, 253.e1–253.e2
- Rhabdomyolysis  
induced by exercise, outcomes in prisoners (letter), 115–116  
in patients with suspected heat injury, urine dipstick test for blood in detection of, 875–877  
viral myositis progressing to, 372.e5–372.e6
- Rib fracture, emergency bedside ultrasound for diagnosis of, 617–620
- Rifampin, adverse event associated with, for treatment of CAMRSA skin infection (letter), 893–894
- Right bundle-branch block (RBBB)  
in ACS, diagnostic and therapeutic implications for the emergency physician, 1130–1141  
with ST elevation and troponin elevation, myocardial contusion-induced, 375.e5–375.e7
- Ring, entrapped, from an edematous finger, an alternative method for removal of (letter), 1165–1166
- Risk factors  
influence on weekly pattern of onset of ischemic stroke (letter), 244–246  
for recurrent falls in elderly patients, CTI for identification of, 23–36
- Risk stratification, of patients with chest pain, combination of TIMI risk score and clear-cut alternative diagnosis for, 37–42
- Risk-taking behavior, of physicians, association with imaging use, in ED patients with abdominal pain, 552–557
- Rodenticide, poisoning with, as a cause of quadriplegia, 625.e1–625.e3
- Roller coaster ride, subacute subdural hematoma following, 517.e5–517.e6
- Running, marathon, ischemic colitis induced by, 255.e5–255.e7
- Rupture, of splenic artery aneurysm, during early pregnancy, 898.e5–898.e6
- Rusch ViewMax, *versus* Macintosh laryngoscopy, for vocal cord visualization in human cadavers, 864–867
- Salicylate, delayed toxicity, with undetectable initial levels after large-dose aspirin ingestion, 1173.e1–1173.e3
- Saline, normal  
anaphylaxis to, 130.e1–130.e2  
hemodynamics after intravenous administration of, in a goat model, 1065–1071
- Salmonella*, nontyphi, after urinary tract infection, septic arthritis of the hip caused by, 373.e5–373.e8
- S100B protein, and neuron-specific enolase, elevated serum levels in carbon monoxide poisoning, 838–842
- Scalp laceration, modified hair apposition technique as primary closure method for, 1050–1055
- Schmidt syndrome, pulmonary hypertension in a patient with, 1025.e1–1025.e2
- Sedation, procedural, in adults, adverse events associated with ketamine for (erratum), 512
- Seizure  
ECG for the diagnosis of, 376.e3–376.e7  
generalized tonic, extrapontine myelinolysis presenting as, after correction of hyponatremia (letter), 243  
incidence and delayed onset of, after overdoses of extended-release bupropion, 911–915
- Selenium, early administration of, influence on neurological outcome after cardiac arrest, 176–181
- Self-ignition, spontaneous, in a case of acute aluminium phosphide poisoning, 752.e5–752.e6
- Sepsis  
bundle of actions to improve adherence to Surviving Sepsis Campaign guidelines at ED, 668–674  
critical care literature 2008, 1000–1009  
prognostic significance of BNP (editorial), 707–708  
in ED patients with, 701–706
- Septic arthritis, of the hip caused by nontyphi *Salmonella* after urinary tract infection, 373.e5–373.e8
- Septicemia, caused by *Klebsiella pneumoniae*, secondary to bacterial translocation, acute appendicitis presenting with, 1023.e3–1023.e4
- Septic shock, herbal medicines as future possibilities for the treatment of, 107–112
- Serotonin syndrome, induced by cyclobenzaprine (letter), 509–510
- Sex factors  
association of female gender with ED delays to diagnosis of appendicitis in the CT era, 856–858  
impact on paramedic pain management in prehospital setting, 525–529
- Sexual assault, in postmenopausal women, epidemiology and patterns of genital injury, 922–929
- Sexually transmitted infections (STI), rate in ED patients with vaginal bleeding, 563–569
- Shift length, and volume, resident productivity in ED as a function of, 313–319
- Shock  
onset, respiratory failure, and coagulopathy after copperhead envenomation, 377.e1–377.e5  
and respiratory insufficiency, prearrest signs of, influence on outcome in patients with emergency medical service–witnessed out-of-hospital cardiac arrest, 440–448
- ShotBlocker, efficacy in reducing pediatric pain associated with intramuscular injections, 536–543
- Shoulder dislocation, anterior, Spaso technique for reduction of, 466–469
- Shoulder reduction, bedside ultrasound for verification of, 134.e5–134.e6 (letter), 503–504
- Sickle cell disease (SCD), admission and length of stay due to VOC in children with, 797–801
- Simplified stratification scoring model, predicting resource use at mass gatherings using, 337–343
- Skin tears, etiology, risk factors, classification, and therapeutic options, 729–733
- Small bowel malrotation, congenital, precipitous decline of gravid patient with, 629.e5–629.e6
- Small bowel obstruction, after gastric bypass, elevated lipase levels in diagnosis of, 1167.e5–1167.e7
- Smallpox, suspected cases in Los Angeles County from 2002–2006 and areas for education, 55–62
- Snakebite, efficacy of low-dose antivenom therapy on morbidity and mortality in (letter), 247–248
- Social support, among adults seeking care for acute respiratory tract infections in ED, 582–587
- Sodium bicarbonate, tricyclic antidepressant toxicity treated with, 1168.e3–1168.e7
- Sodium polystyrene sulfate, colonic necrosis due to, 753.e1–753.e2
- Solanum elaeagnum*, intoxication with, mimicking an acute cerebrovascular disease, 249.e1–249.e2
- Spaso technique, for reduction of anterior shoulder dislocation, 466–469
- Spinal epidural abscess  
cluster-like headache as an opening symptom of, 370.e5–370.e6  
positive for methicillin-resistant *Staphylococcus aureus*, 514.e7–514.e9
- Spiral computed tomography (SCT), prevalence of incidental findings in trauma patients detected by, 428–435
- Spleen  
infarction  
and abscess, complicating infective endocarditis, 1021.e3–1021.e5  
clinical presentation of, 262–265  
rupture, after use of a mechanical CPR device, 1017.e1–1017.e2
- Splenic artery aneurysm, rupture of, during early pregnancy, 898.e5–898.e6
- Staphylococcus aureus*  
community-acquired methicillin-resistant  
emergency physicians' treatment of skin and soft tissue infections in era of, 68–70  
initial antibiotic choice for treatment of cellulitis in pre- and post-emergence of, 436–439  
cutaneous abscesses containing, antibiotic resistance in patients with HIV, 344–347  
methicillin-resistant  
causing aortitis, in a cardiac transplant patient, 1174.e5–1174.e6  
holospinal epidural abscess positive for, 514.e7–514.e9
- Stat laboratory, value of CSF analysis in, 758.e1–758.e2
- Status epilepticus, confused with eclampsia due to proteinuria, 625.e5–625.e6
- Streptococcal infection, lethal necrotizing fasciitis after minor contusion injury in a child, 1017.e3–1017.e5
- Streptococcus pneumoniae*  
as cause of fatal Waterhouse-Friderichsen syndrome, in a vaccinated adult with congenital asplenia, 751.e3–751.e5  
pyomyositis due to, 633.e1–633.e3  
validation of IDSA/ATS criteria to predict severe community-acquired pneumonia caused by, 968–974
- Streptococcus pyogenes* infection, acute appendicitis as an unusual presentation of, 254.e1–254.e2
- Stroke  
acute, additive accuracy of the Triage Stroke Panel to the triaging nurse for diagnosis of, 558–562  
emergency medical services use by patients with, 141–145  
ST-segment elevation, and troponin elevation, myocardial contusion-induced RBBB, 375.e5–375.e7
- ST-segment elevation myocardial infarction (STEMI)  
body surface mapping *versus* 12-lead ECG for detection of, 779–784

- evolution of ECG changes during, 734-746
- facilitated angioplasty with combined thrombolytic therapy and glycoprotein IIb/IIIa inhibitors, 683-690
- PCI-related time delay, patient's risk profile, and survival benefits of primary angioplasty *versus* fibrinolysis, 712-719
- vs.* Takotsubo cardiomyopathy, ECG ST-segment elevation in, 220-226
- Subarachnoid hemorrhage
- acute, gross xanthochromia on lumbar puncture with absence of, 621-623
- CT for diagnosis of cerebral venous thrombosis presenting with, 96-106
- Subarachnoid space, pneumorrhachis in, caused by isolated head trauma, 902.e3-902.e6
- Subcutaneous infusion, enzyme-assisted, rapid vascular glucose uptake via, 1072-1080
- Subdural hematoma, subacute, after a roller coaster ride, 517.e5-517.e6
- Subperiosteal hematoma, caused by traumatic subperiosteal pseudoaneurysm, 1172.e5-1172.e7
- Subperiosteal pseudoaneurysm, traumatic, causing subperiosteal hematoma, 1172.e5-1172.e7
- Subretinal hemorrhage, acute, and exudative age-related macular degeneration, role of bedside ocular ultrasound in ED diagnosis and management of, 369.e5-369.e7
- Sulpiride poisoning, acute, causing long QT syndrome and torsades de pointes, 1016.e1-1016.e3
- Sunitinib, myxedema coma induced by, in a patient presented to the ED with severe hypothermia, 370.e1-370.e3
- Surgical emergency
- due to an incarcerated paraesophageal hernia, 134.e1-134.e3
- in pediatric pheochromocytoma (letter), 1161
- Survival, PCI-related time delay, patient's risk profile and, of primary angioplasty *versus* fibrinolysis in STEMI, 712-719
- Surviving Sepsis Campaign, guidelines at the ED, bundle of actions to improve adherence to, 668-674
- Syncope
- cardiac literature 2008, 481-491
- prevalence in the ED and CPU, 271-279
- Syndromic surveillance system, testing using a severe acute respiratory syndrome model, 419-423
- Systemic inflammatory response syndrome (SIRS), prognostic significance of BNP in ED patients with, 701-706
- Systemic lupus erythematosus (SLE), AIDP as initial presentation of, 900.e3-900.e5
- System status management, and time demand analysis, for predicting ED attendances and rostering, 16-22
- (letter), 362-363
- Tachycardia, paroxysmal supraventricular, adenosine-induced cardiopulmonary arrest in a patient with, 901.e1-901.e2
- Takotsubo cardiomyopathy, *vs.* STEMI, ECG ST-segment elevation in, 220-226
- Tamsulosin, use by emergency physicians for the treatment of ureteral stones, 776-778
- TASER CEWs, prolonged exposure of, effect on markers of acidosis in exhausted humans, 413-418
- (letter), 747-749
- TASER injury, hypothermia protocol for resuscitation of a patient in asystole after, 515.e1-515.e2
- Temperature, jugular bulb *versus* esophageal, during head and neck cooling after cardiac arrest, 460-465
- Temporal artery, superficial, pseudoaneurysm of, ultrasonographic diagnosis in ED, 627.e1-627.e3
- Terrorism, nuclear, clues for EM of specific injuries (letter), 1148-1149
- Tetralogy of Fallot (TOF), Tet spell and diagnosis of, in an adult, 130.e3-130.e5
- (letter), 893
- Tet spell, and diagnosis of TOF, in an adult, 130.e3-130.e5
- (letter), 893
- Thigh hematoma, spontaneous, associated with diclofenac, 129.e1-129.e2
- Thoracic impedance, *versus* chest radiograph, to diagnose acute pulmonary edema in the ED, 770-775
- Thoracic spine
- epidural hematoma of, after stretch exercise, 902.e1-902.e2
- spontaneous epidural hematoma of, 628.e5-628.e6
- Thrombocytopenia, induced by enoxaparin, systemic bleeding in, 756.e1-756.e2
- Thromboembolism, acute, of the left coronary ostium, sudden death from, 1172.e1-1172.e3
- Thrombolysis in Myocardial Infarction (TIMI) risk score
- combined with clear-cut alternative diagnosis, for risk stratification of patients with chest pain, 37-42
- limitations in patients with acute chest pain, 43-48
- (letter), 365-367
- Thrombolytic therapy, facilitated angioplasty with combined glycoprotein IIb/IIIa inhibitors and, in patients with STEMI, 683-690
- Thrombosis
- cerebral vein
- presenting with subarachnoid hemorrhage, CT for diagnosis of, 96-106
- unusual association between Guillain-Barre syndrome and, 758.e3-758.e4
- portal vein
- acute, after blunt abdominal trauma, 372.e1-372.e3
- and liver failure, in a patient with pheochromocytoma crisis, 630.e3-630.e5
- simultaneous, of double coronary arteries, in a young male with antithrombin III deficiency, 1169.e3-1169.e6
- very late angiographic stent, of 2 drug-eluting stents, 131.e5-131.e8
- Tibial artery, anterior, pseudoaneurysm of, detected by emergency medicine physician performing bedside ultrasound, 129.e3-129.e4
- Tiletamine, veterinary anesthesia containing, movement disorder caused by abuse of, 1022.e5-1022.e6
- Time demand analysis, and system status management, for predicting ED attendances and rostering, 16-22
- (letter), 362-363
- Toddler, *see* Pediatrics
- Torsades de pointes, and long QT syndrome, induced by acute sulpiride poisoning, 1016.e1-1016.e3
- Tramadol intoxication, multiple organ dysfunction syndrome due to, 903.e5-903.e7
- Trastuzumab, cardiomyopathy associated with, presenting as new onset of complete LBBB mimicking ACS, 903.e1-903.e3
- Trauma
- blunt
- abdominal, acute portal venous thrombosis after, 372.e1-372.e3
- liver, multipolar radiofrequency ablation to control hemorrhage from, 197-201
- subperiosteal pseudoaneurysm after, causing subperiosteal hematoma, 1172.e5-1172.e7
- isolated head, entire subarachnoid space pneumorrhachis caused by, 902.e3-902.e6
- patients, in critical care transport, factors associated with analgesia in, 49-54
- prevalence of incidental findings detected by SCT in, 428-435
- thoracic, late presentation of jejunal perforation after, 1177.e1-1177.e3
- Triage Stroke Panel, additive accuracy to the triaging nurse for acute stroke diagnosis, 558-562
- Tricyclic antidepressant, *see* Antidepressant, tricyclic
- Trigeminal artery, primitive, symptomatic improvement of oculomotor palsy due to, relation between blood pressure control and, 634.e5-634.e7
- Trigger point injection, treatment for renal colic, 252.e3-252.e4
- Troponin elevation, and ST-segment elevation, myocardial contusion-induced RBBB, 375.e5-375.e7
- Troponin I, cardiac
- elevated levels of, correlation with pulmonary artery obstruction index, in ED patients with pulmonary embolism, 449-453
- falsely elevated, attributed to inappropriate dilution material (letter), 123-125
- Tuberculosis, associated with IRIS, characterized by hypercalcemia, 629.e1-629.e3
- Tuberculous pyomyositis, role of immune reconstitution inflammatory syndrome in, 251.e1-251.e2
- Turbineotomy, middle, as complication of nasopharyngeal airway placement, 513.e3-513.e4
- T-wave inversion, attributed to cardiac memory phenomenon, 898.e1-898.e4
- Ultrasonography
- bedside
- effect of pulmonary contusion on lung sliding during (letter), 363-365
- of the internal jugular vein, correlation with central venous pressure, 851-855
- ocular, role in ED diagnosis and management of acute subretinal hemorrhage and exudative age-related macular degeneration, 369.e5-369.e7
- performed by emergency medicine physician, pseudoaneurysm of the anterior tibial artery detected by, 129.e3-129.e4
- for verification of shoulder reduction, 134.e5-134.e6
- for verification of shoulder reduction (letter), 503-504
- contrast-enhanced, for diagnosis of renal lesion from acute uncomplicated pyelonephritis in the ED (letter), 1157-1159
- detection of radio-occult interstitial lung involvement in measles pneumonitis, 128.e1-128.e3
- for determination of maneuvers to increase cross-sectional area and decrease compressibility of internal jugular vein during simulated venipuncture, 454-459

- in diagnosis of papilledema and increased intracranial pressure in pseudotumor cerebri, 376.e1-376.e2
- for diagnosis of superficial temporal artery pseudoaneurysm in the ED, 627.e1-627.e3
- emergency
- bedside, for diagnosis of rib fractures, 617-620
  - ruptured interstitial pregnancy diagnosed by, in the ED, 1170.e1-1170.e2
- of lung
- acute chest syndrome diagnosed by, 516.e5-516.e6
  - for diagnosis of pneumonia in the ED, 379-384
- vs. standard technique, in patients with difficult vascular access, EDT use of, 135-140
- Ureteral stones, use of  $\alpha$ -blockade by emergency physicians for the treatment of, 776-778
- Urinalysis, *versus* urine culture, for evaluation of UTI in febrile infants presenting to the ED, 930-932
- Urinary tract infection (UTI)
- in febrile infants presenting to the ED, urine culture *versus* urinalysis for evaluation of, 930-932
  - septic arthritis of the hip caused by nontyphi *Salmonella* after, 373.e5-373.e8
- Urine culture, *versus* urinalysis, for evaluation of UTI in febrile infants presenting to the ED, 930-932
- Urine dipstick test, for blood, in detection of rhabdomyolysis in patients with suspected heat injury, 875-877
- Uterine bleeding, chronic, severe lactic acidosis as a result of iron deficiency anemia due to, 377.e7-377.e9
- Uvular necrosis, after orotracheal intubation, 631.e3-631.e4
- Vaccination
- fatal pneumococcal Waterhouse-Friderichsen syndrome in an adult with congenital asplenia after, 751.e3-751.e5
- influenza
- effective program in ED (letter), 1154-1157
  - given in ED, factors influencing acceptance of, 1027-1033
- Vaginal bleeding, rate of STI in ED patients with, 563-569
- Valproic acid intoxication
- imitating brain death, 1177.e5-1177.e6
  - that was unrecognized, 250.e1-250.e2
- Valsalva maneuver, in-flight, life-threatening Wunderlich syndrome induced by (erratum), 511
- Vascular access, difficult, EDT use of ultrasound-guidance *vs.* standard technique in patients with, 135-140
- Vasoocclusive crisis (VOC), in children with SCD, admission and length of stay due to, 797-801
- Vasopressin, dose-response in a rat model of asphyxial cardiac arrest, 935-941
- Ventilation
- mechanical
    - critical care literature 2008, 1000-1009
    - duration of, effect of expedited admission of critically ill patients from ED to ICU on, 843-846
    - prehospital, of a critical cardiac tamponade, 1020.e1-1020.e3
    - noninvasive, critical care literature 2008, 1000-1009
- Ventricular fibrillation (VF), influence of CPR time before first defibrillation on outcome of out-of-hospital patients, 470-474
- Ventricular pseudoaneurysm, ischemic stroke after administration of fibrinolytics in a patient with, 1176.e5-1176.e7
- Vertebral artery dissection, traumatic, presenting with Wallenberg syndrome, after a motorcycle collision, 131.e1-131.e3
- Vertical banded gastroplasty, epigastric pain as late mechanical complication after, 633.e5-633.e7
- Very late angiographic stent thrombosis (VAST), of 2 drug-eluting stents, 131.e5-131.e8
- Videoscope, handheld, *vs.* direct laryngoscopy, faster intubation in uncomplicated manikin airways, 259-261
- Vocal cord visualization, in human cadavers, Rusch ViewMax *versus* Macintosh laryngoscopy for, 864-867
- Wallenberg syndrome, after a motorcycle collision, traumatic vertebral artery dissection presenting with, 131.e1-131.e3
- Wasp sting anaphylaxis, coagulation abnormalities induced by, 1176.e1-1176.e3
- Waterhouse-Friderichsen syndrome, fatal pneumococcal, in a vaccinated adult with congenital asplenia, 751.e3-751.e5
- Weather, and air pollution, relation to ED visits for asthma in Japan, 153-159
- Web-based interpreter, of arterial blood gases (letter), 1161-1163
- Weight
- adult, accuracy of readily obtainable anthropometric measurements for estimation of, 1060-1064
  - in children, addition of body habitus to length for estimation of, 810-815
- Wheeze, associated with hyperglycemia, 368.e1-368.e2
- Wolff-Parkinson-White syndrome. *see* Preexcitation syndrome
- Workforce, in EM, current status in the United States, 691-700
- Wunderlich syndrome, life-threatening, induced by in-flight Valsalva maneuver (erratum), 511
- Xanthochromia, on lumbar puncture, without acute subarachnoid hemorrhage, 621-623
- Yoga exercise, rectus sheath hematoma caused by, 899.e1-899.e2



